

A

CATALOGUE

OF THE

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OF THE

UNIVERSITY OF VIRGINIA.

FIFTY-THIRD SESSION.

1876-7.

RICHMOND:

WHITTET & SHEPPERSON, PRINTERS, COR. 10TH AND MAIN STS.

1877.

Calendar.

OCTOBER--	1	COMMENCEMENT OF THE SESSION.
JUNE ----	24	SERMON BEFORE THE YOUNG MEN'S CHRISTIAN ASSOCIATION.
	25	{ ANNUAL MEETING OF THE BOARD OF VISITORS.
		{ FINAL CELEBRATION OF THE WASHINGTON SOCIETY,
	26	CELEBRATION OF THE JEFFERSON SOCIETY.
	27	ADDRESS BEFORE THE LITERARY SOCIETIES.
	28	{ <i>Public Day</i> —CLOSING EXERCISES OF THE SESSION.
		{ ADDRESS BEFORE THE SOCIETY OF ALUMNI.

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CATALOGUE OF STUDENTS.

FIFTY-THIRD SESSION.—1876-77.

ABBREVIATIONS.

A. C.— <i>Analytical and Agricultural Chemistry.</i>	L.— <i>Latin.</i>
A. & N. H.— <i>Agriculture and Natural History.</i>	LAW.— <i>Law.</i>
AN.— <i>Anatomy.</i>	M.— <i>Mathematics.</i>
AP. M.— <i>Applied Mathematics.</i>	M. L.— <i>Modern Languages.</i>
A. S.— <i>Anglo-Saxon.</i>	M. & G.— <i>Mineralogy and Geology.</i>
C.— <i>Chemistry (General or Industrial) and Pharmacy.</i>	MED.— <i>Medicine.</i>
C. & I. L.— <i>Constitutional and International Law.</i>	M. J.— <i>Medical Jurisprudence.</i>
G.— <i>Greek.</i>	MAT. M.— <i>Materia Medica.</i>
H. L. & R.— <i>History, Literature, and Rhetoric.</i>	M. P.— <i>Moral Philosophy.</i>
	N. P.— <i>Natural Philosophy.</i>
	P. & S.— <i>Physiology and Surgery.</i>
	P. E.— <i>Political Economy.</i>
	PHY.— <i>Physiology.</i>
	PHYSICS.— <i>Physics.</i>

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Patterson, Archibald W., . .	Richmond, Va., . . .	M., L., M. L.	I
Payne, John Carroll, . . .	Warrenton, Va., . . .	LAW.	I
Payne, John Winston, . . .	Warrenton, Va., . . .	L., M., M. L.	I
Peace, Washington F., . .	Warrenton, Va., . .	M. P., P. E., H. & L., M. L.	I
Pendleton, John Hunter, . .	Louisa C. H., Va., . .	G., M., M. L.	2
Pickrel, John, . . .	Richmond, Va., . . .	G., M. L., H. & L.	3
Potter, Virgil Millard, . .	Bowling Green, Ky., .	LAW.	I
Riddell, Harvey, . . .	Irvine, Ky., . . .	L., M., M. P., P. E.	2
Rixey, Eppa, . . .	Culpeper, Va., . . .	L., G., M.	2
Robert, Milton George, Jr., .	Washington, Ga., . . .	L., G., M.	2
Roberts, Franklin, . . .	Brightseat, Md., . . .	LAW, M. P.	I
Robertson, William Gordon, .	Charlottesville, Va., .	C., M. P.	4
Robertson, John Walter, . .	Broad Run, Va., . . .	LAW.	3
Rochester, Junius, . . .	Stanford, Ky., . . .	M., H. & L., M. L., M. P.	2
Rogers, Wm. McMillan (M.A.),	Starkville, Miss., . .	LAW.	4
Rose, William Gibbs, . . .	Little Rock, Ark., . .	LAW.	I
Rosborough, Joseph L., . .	Sardis, Miss., . . .	C., MED., P. & S., AN.	I
Roszell, Rich. Henry Dulany,	Upperville, Va., . . .	M. L., H. & L.	I
Rountree, John William, . .	Paris, Texas, . . .	LAW.	I
Rowan, John Forney, . . .	Jacksonville, Ala., . .	L., G., C.	2
Rust, Joseph Sharp, . . .	Morton, Mo., . . .	LAW.	I
Sackleben, Henry G., . . .	St. Louis, Mo., . . .	LAW.	I

Santos, Julio Romano (C. E.)	University of Virginia,	A. C.	5
Savage, Charles W. R.,	Baltimore, Md.,	M. P., M. L., H. & L., P. E.	2
Scott, John Waverly,	Richmond, Va.,	L., M. L.	1
Sears, Edmund Dwight,	Staunton, Va.,	M., & L.	2
Segura, Ricardo,	City of Mexico,	M., N. P., AP. M., C., A. C.	1
Shackelford, George S.,	Charlottesville, Va.,	LAW.	1
Shawhan, Henry Cantrill,	Cynthiana, Ky.,	L. & C. L., M. P., H. & L., P. E.	3
Sheild, Charles Hansford,	Louisville, Ky.,	L., M., H. & L.	2
Shryock, Richard Fuller,	Baltimore, Md.,	LAW.	3
Sipe, George Edgar,	River Bank, Va.,	LAW.	1
Slaughter, Charles A.,	Lynchburg, Va.,	LAW, M. L., P. E.	1
Smith, George Herbert,	Wilmington, N. C.,	M. P., C., H. & L., M. L.	2
Smith, Edward Cabell,	Richmond, Va.,	L., G., M.	2
Smith, Rogers Morris,	Louisville, Ky.,	N. P., M. L., HIS.	1
Smith, Robert Emmet,	Artesia, Miss.,	LAW.	1
Smith, G. Harrison,	University of Virginia,	L., M. G.	1
Smith, Samuel Harrison,	Baltimore, Md.,	AP. M.	1
Snow, Elbert Clay,	Snowville, Va.,	L., M., M. L.	2
Southall, Joseph Allen,	University of Virginia,	LAW.	2
Stacy, John,	St. Joseph, La.,	LAW.	1
Stephens, William H.,	Ivy Depot, Va.,	M., N. P., C.	2
Stevens, Walter Le Cont,	Savannah, Ga.,	M., M. L., PHYSICS.	2
Stewart, John Black,	Morganza, La.,	C., MED., P. & S., AN.	3
Steele, Charles,	Baltimore, Md.,	C., N. P., M. P., LIT.	3
Stone, Thomas Ritchie,	Washington, D. C.,	AN., P. & S., MED.	1
Stokes, Sylvanus,	Richmond, Va.,	M., M. L.	1
Strayer, William Rhodes,	New Market, Va.,	L., G., M.	1
Stuart, Archibald Girard,	Staunton, Va.,	P. E., N. P., H. & L.	1
Sweeny, William Cavot,	Owensboro, Ky.,	C., HIS., M. L., I. & C. L.	2
Tardy, Douglas,	Hot Springs, Va.,	L., G., M.	2
Taylor, Henry, Jr.,	Trevillian's, Va.,	G., M. L., M. P., H. & L.	4
Taylor, William Benjamin,	Elizabethtown, Ky.,	L., M. P.	2
Taylor, George Richards, Jr.,	St. Louis, Mo.,	A. & N. H., C.	1
Thom, Wm. Henry DeC. W.,	Baltimore, Md.,	M. L., H. & L., P. E.	1
Thomas, George S.,	Richmond, Va.,	G., M. P., H. & L.	3
Thomas, Richard Baker,	Abingdon, Va.,	L., G., M.	2
Thomas, William Anderson,	Davisboro, Ga.,	C., MED., P. & S., AN.	1
Thomason, William Burwell,	Tupelo, Miss.,	C., MED., P. & S., AN.	3
Thompson, Cyrus,	Haw Branch, N. C.,	C., MED., P. & S., AN.	1
Thomson, Samuel Goode,	Abbeville, S. C.,	L., G., M. L.	1
Turberville, George R. Lee,	Chantilly, Va.,	LAW.	1
Turner, Jesse,	Van Buren, Ark.,	C., M. P., H. & L.	2
Urquhart, Frank M.,	Norfolk, Va.,	AN., P. & S., C., M. J.	2
Urquhart, Whitmel H.,	Ivor, Va.,	LAW.	4
van Slooten, William,	Charlottesville, Va.,	M., N. P., AP. M., C.	4
Venable, Frank Preston,	University of Virginia,	G., M. L., L. & R.	5
Wallis, Samuel Alfred,	Tackett's Mills, Va.,	L., G., M., M. L.	1

Walke, Willoughby, . . .	Norfolk, Va., . . .	N. P., M. P., C., H. & L., P. E.	I
Walker, William W., . . .	O. X. Roads, Va., . . .	L., M. L., LIT., N. P.	3.
Walmsley, Robert Williams, . . .	New Orleans, La., . . .	L., C., M. L.	I
Walton, Newton S., . . .	Austin, Texas, . . .	LAW.	4.
Walton, Early W., . . .	Austin, Texas, . . .	C., MED., P. & S., AN.	I
Ward, Julian Funsten, . . .	Winchester, Va., . . .	C., MED., P. & S., AN.	3
Warwick, Abram Beauford, . . .	Charlottesville, Va. . .	G., C., M., N. P.	2
Warren, James Albert, . . .	Bacon Castle, Va., . . .	L., M., H & L.	I
Washington, George, . . .	Charlestown, W. Va., . . .	L., M., M. L.	I
Watts, John Allen, . . .	Big Lick, Va., . . .	LAW, LIT., M. J.	2.
Watson, Lee Porter, . . .	White Day, W. Va., . . .	M. P., N. P., P. E.	I
Wellford, Beverley R., . . .	Warsaw, Va., . . .	G., HIS., M. L.	4
Wellford, Armstead L., . . .	Warsaw, Va., . . .	L., M., M. L.	I
Wellington, Charles, . . .	Washington, D. C., . . .	L., M., M. P.	I
Weil, Adolphus L., . . .	Titusville, Pa., . . .	L., H. & L., C. LAW.	I
Whiting, Guy Fairfax, . . .	Upperville, Va., . . .	C., MED., P. & S., AN.	I
Whiteley, Benjamin D., . . .	Baltimore, Md., . . .	LAW, M. P.	2.
Wildman, John Bently, . . .	Leesburg, Va., . . .	L., G., M.	2'
Wilkins, Ashley, . . .	Gaston, N. C., . . .	M., G., C.	3
Wilson, Thornton S., . . .	Black Walnut, Va., . . .	L., G., M., M. L.	2.
Wilson, George Flanders, . . .	Portland, Oregon, . . .	M. L., H. & L.	I
Willis, Fielding Lewis, . . .	Orange C. H., Va., . . .	L., M. L.	I
Willis, Richard Baxter, . . .	Leakesville, N. C., . . .	L., G., M. P.	I
Willis, Louis Orndorff, . . .	Baltimore, Md., . . .	M., H. & L., N. P.	I
Wilkinson, James Anthony, . . .	La Porte, Ind., . . .	C., MED., P. & S., AN.	I
Williams, John S., . . .	Memphis, Tenn., . . .	LAW.	4.
Williams, Christopher H., . . .	Memphis, Tenn., . . .	M., M. L., H. & L.	I
Williams, Nathaniel John, . . .	Kenton, Del., . . .	L., H. & L., N. P.	I
Williams, Eugene, . . .	Gainesville, Ala., . . .	LAW.	2.
Williams, George Pannill, . . .	Harrisonburg, Va., . . .	L., C., M. L., LIT.	I
Williams, Joseph Charles, . . .	Bristol, Tenn., . . .	.	.
Williamson, James Gardner, . . .	New Market, Va., . . .	C., MED., P. & S., AN.	2.
Williamson, James Freeman, . . .	Sardis, Miss., . . .	C., MED., P. & S., AN.	I
Williamson, Jacob Thompson, . . .	Memphis, Tenn., . . .	L., G., M.	I
Wittenberg, Frank, . . .	Little Rock, Ark., . . .	L., G., M.	I
Wood, Lewis, . . .	Charlottesville, Va., . . .	LAW.	3
Wood, Robert Hancock, . . .	Charlottesville, Va., . . .	M. P., LAW.	3
Woods, Edgar, Jr., . . .	Charlottesville, Va., . . .	L., M., M. L.	2
Woods, Henry McKee, . . .	Charlottesville, Va., . . .	N. P., M. P., C., HIS.	4
Woods, Samuel Baker, . . .	Charlottesville, Va., . . .	N. P., M. P., C.	4
Woods, John R., Jr., . . .	Ivy Depot, Va., . . .	M. L., C., L.	4
Wunder, Mark B., . . .	Moore's Store, Va., . . .	L., G., M.	2
Yeaton, William Chauncy, . . .	Alexandria, Va., . . .	L., M. L., M. P., P. E.	2
Young, George Bright, Jr., . . .	Charlottesville, Va., . . .	M., M. L.	I
Young, George E., . . .	Arcadia, La., . . .	LAW.	3.

NUMBERS IN THE SEVERAL SCHOOLS.

Analytical and Agricultural		Latin,	118
Chemistry,	16	Law (including International	
Agriculture and Nat. History, .	1	and Constitutional Law), .	92
Applied Mathematics,	7	Literature and Rhetoric, .	11
Anglo Saxon,	8	Mathematics,	113
Anatomy and Materia Medica, .	47	Modern Languages,	104
Materia Medica,	1	Mineralogy and Geology, .	8
Chemistry (General or Indus-		Medicine (including Medical	
trial) and Pharmacy,	97	Jurisprudence, Obstetrics,	
Constitutional and Interna-		and Practice of Medicine), .	42
tional Law (exclusive of		Medical Jurisprudence, .	7
Students taking a full		Moral Philosophy,	48
course of Law),	6	Natural Philosophy,	41
Greek,	84	Practical Physics,	2
History, Literature, and Rhe-		Physiology and Surgery, .	44
toric,	75	Physiology,	1
History,	6	Political Economy,	22

RECAPITULATION.

Virginia,	179	Arkansas,	8
Texas,	20	Georgia,	5
Maryland,	19	West Virginia,	5
Kentucky,	17	District of Columbia,	4
Mississippi,	14	Indiana,	4
Tennessee,	10	Delaware,	3
North Carolina,	9	Florida,	2
Louisiana,	12	Pennsylvania,	2
Missouri,	8	California,	1
Alabama,	8	Oregon,	1
South Carolina,	9	Mexico,	1
New York,	5	Maine,	1
		Total,	347

PROFICIENTS AND GRADUATES.

PROFICIENTS.—JUNE 29, 1876.

ABBREVIATIONS.

A. S.—*Anglo Saxon.*

AN.—*Anatomy.*

C. & I. L.—*Constitutional and International Law.*

H.—*History.*

J. & I. M.—*Junior and Intermediate Mathematics.*

L. & R.—*Literature and Rhetoric.*

M. J.—*Medical Jurisprudence.*

M. & G.—*Mineralogy and Geology.*

P. E.—*Political Economy.*

PHYSICS.—*Junior Natural Philosophy.*

PHAR.—*Pharmacy.*

PHY.—*Physiology.*

NAMES.	RESIDENCES.	CLASSES.
Allen, John Earle,-----	Anderson, S. C.,-----	C. & I. L.
Allen, William,-----	Richmond, Va.,-----	C. & I. L.
Aylett, Lewis Dandridge,-----	Hanover Co., Va.,-----	A. S.
Bemiss, John Harrison,-----	New Orleans, La.,-----	AN.
Bernei, Louis Bernard,-----	Baltimore, Md.,-----	J & I. M.
Black, Kent,-----	Blacksburg, Va.,-----	M. J.
Brown, William George,-----	Albemarle Co., Va.,-----	M. & G.
Carrington, Tazewell M.,-----	Richmond, Va.,-----	L. & R.
Carter, Edward Champe,-----	Hanover Co., Va.,-----	PHYSICS.
Carter, Braxton Emerson,-----	Mobile, Ala.,-----	C. & I. L.
Colley, John Dempsey,-----	Washington, Ga.,-----	P. E., C. & I. L.
Covington, Robert Wills,-----	Bowling Green, Ky.,-----	C. & I. L.
Culbreth, David M. R.,-----	Henderson, Del.,-----	PHYSICS, M. & G.
Curran, William Savin,-----	Little Rock, Ark.,-----	C. & I. L.
Davis, John William,-----	Charleston, W. Va.,-----	M. & G.
Estes, William Lawrence,-----	Brownsville, Tenn.,-----	PHY., AN.
Fairbairn, Henry Arnold,-----	Annandale, N. Y.,-----	M. J.
Fant, Francis W.,-----	Roseboro, S. C.,-----	M. J.
Finlayson, Daniel A.,-----	Monticello, Fla.,-----	C. & I. L.
Fishburne, William Nevins,-----	Waynesboro, Va.,-----	J. & I. M.
Garrison, James Griffith,-----	Caledonia, Texas,-----	A. S., L. & R.
Glaze, James Samuel,-----	Washington, Ga.,-----	C. & I. L.
Gordon, John Beale,-----	Fauquier Co., Va.,-----	M. & G.
Gray, Frank,-----	Cynthiana, Ky.,-----	A. S.
Green, Boylan,-----	Charlotte Co., V.,-----	C. & I. L.
Gunther, Ludolph W., Jr.,-----	Baltimore, Md.,-----	P. E.

Hamilton, John D ,	Culpeper Co., Va.,	J. & I. M., M. & G.
Hannah, Samuel,	Charlotte Co., Va.,	C. & I. L.
Harris, Henry Ernest	Albemarle Co., Va.,	PHYSICS.
Hite, Lewis Field,	Rappahannock Co., Va.,	J. & I. M.
Hughes, Henry West,	Tulip, Ark.,	J. & I. M.
Hunton, Eppa W.,	Warrenton, Va.,	C. & I. L.
Hutton, Alson,	Emory, Va.,	M. & G.
Inge, Z. Montgomery,	Greensboro, Ala.,	C. & I. L.
Langhorne, James P.,	Lynchburg, Va.,	C. & I. L.
Lauer, Martin,	Baltimore, Md.,	A. S.
Lewis, Henry Wilkins,	Lawrenceville, Va.,	M. J.
Lyon, David Stuart	Winchester, Va.,	M. J.
Marshall, Horace Miller	Vicksburg, Miss.,	PHYSICS.
Mason, James M.,	Galveston, Texas	PHYSICS.
Matthews, Luke	Lunenburg Co., Va.,	C. & I. L.
Maupin, Edward Griffith.	Portsmouth, Va.,	PHAR., M. J., AN.
Mitchell, Wm. Selby	St. Louis, Mo.,	PHYSICS.
Mullikin, Albert Dudley	Louisville, Ky.,	P. E., C. & I. L.
Nicolassen, Geo. Frederick,	Baltimore, Md.,	A. S., J. & I. M.
Preston, John Booker,	Lynchburg, Va.,	L. & R., P. E.
Robertson, John Walter,,	Fauquier Co., Va.,	C. & I. L.
Robinson, Austin M.,	Austin, Texas,	C. & I. L.
Savage, Charles W. R.,	Baltimore, Md.,	A. S.
Schley, John Sullivan,	Savannah, Ga.,	C. & I. L.
Scott, John Walter,	Orange Co., Va.,	M. J.
Shryock, R. Fuller,	Baltimore, Md.,	M. J., C. & I. L.
Smith, John Tyler,,	Frederick Co., Va.,	M. J.
Sweeney, Wm. Cavot,	Owensboro', Ky.,	L. & R.
Thomason, Wm. B.,	Booneville, Miss.,	M. J.
Tupper, H. Allen, Jr.,	Richmond, Va.,	P. E.
Turner, Jesse,	Van Buren, Ark.	PHYSICS.
Urquhart, Whitmel Hill,	Southampton Co., Va.,	C. & I. L., P. E.
van Slooten, William,,	New Orleans, La.,	PHYSICS, M. & G.
Venable, Frank Preston,	University of Virginia	PHYSICS.
Wellford, Beverly R.,	Richmond Co., Va.,	L. & R.
Wescott, Nathaniel Benj.,	Accomac Co., Va.,	C. & I. L.
White, Scott,,	La Grange, Texas	PHYSICS.
Whitworth, John L.,	Nashville, Tenn.,	PHYSICS.
Whipple, Charles R.	Richmond, Va.,	C. & I. L.
Williams, Eugene,,	Gainesville, Ala.,	C. & I. L.
Williamson, James Garner,,	New Market, Va.,	M. J., AN.
Woods, Henry McKee,	Charlottesville, Va.,	L. & R.
Woods, Samuel Baker,,	Charlottesville, Va.,	L. & R.
Wood, Lewis,	Charlottesville, Va.,	C. & I. L.
Wright, Charles Bruce,	Wilmington, N. C.,	H.
Wunder, Mark Bird,,	Shenandoah Co., Va.,	J. & I. M.
Yancey, Robert,,	Lynchburg, Va.,	C. & I. L.

RECAPITULATION.

Anglo Saxon,	6
Anatomy,	4
Constitutional and International Law,	25
History,	I
Junior and Intermediate Mathematics,	7
Literature and Rhetoric,	7
Medical Jurisprudence,	II
Mineralogy and Geology,	7
Political Economy,	6
Junior Natural Philosophy, Physics,	II
Pharmacy,	I
Physiology,	I

GRADUATES IN ACADEMIC SCHOOLS.—JUNE 29, 1876.

ABBREVIATIONS.

AP. M.— <i>Applied Mathematics.</i>	G.— <i>Greek.</i>
A. C.— <i>Analytical Chemistry.</i>	H. L. & R.— <i>History, Literature and Rhetoric.</i>
A. & A. C.— <i>Analytical and Agricultural Chemistry.</i>	I. C.— <i>Industrial Chemistry.</i>
A. & N. H.— <i>Agriculture and Natural History.</i>	L.— <i>Latin.</i>
C.— <i>Chemistry, (General.)</i>	M. L.— <i>Modern Languages, (including French and German.)</i>
FR.— <i>French.</i>	M. P.— <i>Moral Philosophy.</i>
GER.— <i>German.</i>	M.— <i>Mathematics, (Pure.)</i>
G. & I. C.— <i>General & Industrial Chemistry.</i>	N. P.— <i>Natural Philosophy.</i>

NAMES.	RESIDENCES.	SCHOOLS.
Aylett, Lewis Dandridge,-----	Hanover Co., Va.,-----	FR., H. L. & R.
Barringer, Paul Brandon,-----	Charlotte, N. C.,-----	G. & I. C., A. & A. C., A. & N. H.
Bemiss, John Harrison,-----	New Orleans, La.,-----	M. P., C.
Bernei, Louis Bernard,-----	Baltimore, Md.,-----	FR.
Blair, Joseph P.,-----	Columbus, Miss.,-----	L.
Blakey, James,-----	Charlottesville, Va.,-----	GER., M.
Boaz, Emmett W.,-----	Albemarle Co., Va.,-----	C.
Bohannon, Rosser D.,-----	Matthews Co., Va.,-----	C., A. & A. C., AP. M.
Brown, Wm. George,-----	Albemarle Co., Va.,-----	N. P.

Burruss, Henry Page,	Louisa Co., Va.,	G., H. L. & R.
Carter, Edward Champe,	Hanover Co., Va.,	G., G. & I. C.
Carter, Charles Harrison	Hanover Co., Va.,	M. L., M.
Castleman, Robert Allen,	Alexandria, Va.,	L., FR.
Clarke, Edward Hobson,	Owensboro', Ky.,	GER., C.
Colley, John Dempsey,	Washington, Ga.,	M. P.
Crenshaw, S. Dabney,	Orange Co., Va.,	FR., I. C., A. & A. C.
Culbreth, David M. R.,	Henderson, Del.,	I. C.
Dabney, Charles Wm.,	Hampden Sidney, Va.,	FR., C., A. & A. C.
Davis, Charles Alfred,	Greensboro', Ga.,	GER., I. C.
Emmet, John Duncan,	New York city,	GER.
Fardy, Matthew James,	Baltimore, Md.,	H. L. & R.
Fawsett, George Deneale	Baltimore, Md.,	H. L. & R.
Finlayson, Daniel A.,	Monticello, Fla.,	M.
Garrison, James Griffith,	Caledonia, Texas,	SP.
Gibson, Braxton Davenport,	Charlestown, W. Va.,	GER.
Gordon, John Beale,	Fauquier Co., Va.,	N. P., I. C.
Grinnan, Robert T.,	Orange Co., Va.,	M.
Gunter, Alfred B.,	Accomac Co., Va.,	L.
Gunther, Ludolph W.,	Baltimore, Md.,	M. P.
Hamilton, John D.,	Culpeper Co., Va.,	I. C.
Harding, Edward Coles,	Northumberland Co., Va.,	H. L. & R., M. P.
Harris, Henry T.,	Nelson Co., Va.,	L., M. S.
Harris, John Woods,	Galveston, Texas,	GER., C.
Harris, Henry Ernest,	Albemarle Co., Va.,	M.
Harrison, Edward Burr,	Leesburg, Va.,	L., FR., M.
Harrison, Thomas Walter,	Leesburg, Va.,	L., FR., M.
Hite, Lewis Field,	Rappahannock Co., Va.,	L.
Hughes, Henry West,	Tulip, Ark.,	L. C.
Hughes, John Walter,	Tulip, Ark.,	L., M.
Hughes, Robert Morton,	Abingdon, Va.,	FR., H. L. & R., M. P., M.
Hunton, Eppa, Jr.,	Warrenton, Va.,	M. P.
Hutton, Alson,	Emory, Va.,	N. P.
Johnson, Bradley Saunders,	Richmond, Va.,	FR.
Johnston, Christopher, Jr.,	Baltimore, Md.,	M. L., H. L. & R., M. P.
Jones, Frank Partridge,	Cecilton, Md.,	M., N. P.
Keller, John Lawrence,	Charlottesville, Va.,	C., A. & A. C.
Leitch, Robert Lewis,	Charlottesville, Va.,	L., GER.
Lockwood, Geo. Robinson,	St. Louis, Mo.,	M., N. P.
Mallet, John Ormond,	University of Virginia,	L.
Marshall, Horace Miller,	Vicksburg, Miss.,	M.
May, Edward,	New Orleans, La.,	FR., C.
Meade, Richard Kidder,	Charlottesville, Va.,	GER.
Minor, Robert Berkeley,	Hanover Co., Va.,	FR., N. P., I. C.
Minor, Wirt,	Albemarle Co., Va.,	M. P., M., N. P., C.
Miller, William,	Amherst Co., Va.,	M., N. P.
Morris, George Watts,	Charlottesville, Va.,	L., GER.

Nelson, Keating Simons,-----	Culpeper Co., Va.,-----	G., FR. N. P.
Pendleton, John Hunter,-----	Louisa C. H., Va.,-----	L.
Pickrell, John,-----	Richmond, Va.,-----	M. P., N. P., C.
Preston, John Booker,-----	Lynchburg, Va.,-----	GER., M. P., N. P.
Robertson, Wm. Gordon,-----	Charlottesville, Va.,-----	M. L., N. P.
Rochester, Junius,-----	Stanford, Ky.,-----	L.
Savage, Charles W. R.,-----	Baltimore, Md.,-----	GER.
Smith, Geo. Herbert,-----	Wilmington, N. C.,-----	FR.
Steele, Charles,-----	Baltimore, Md.,-----	G., GER., M.
Taylor, Henry, Jr.,-----	Louisa Co., Va.,-----	FR., C.
Taylor, William Benj.,-----	Elizabethtown, Ky.,-----	FR.
Taylor, Frederick W.,-----	Washington, D. C.,-----	I. C.
Thomas, George S.,-----	Richmond, Va.,-----	GER., N. P., C.
Tupper, H. Allen, Jr.,-----	Richmond, Va.,-----	M. P.
Turner, Jesse,-----	Van Buren, Ark.,-----	GER.
Urquhart, Frank Middleton,-----	Southampton Co., Va.,-----	M. L.
van Slooten, William,-----	New Orleans, La.,-----	I. C., A. C.
Venable, Frank Preston,-----	University of Virginia,-----	C.
Warwick, Abram B.,-----	Charlottesville, Va.,-----	L. GER.
Watson, James,-----	Louisa Co., Va.,-----	GER.
Wellford, Beverley Randolph,-----	Richmond Co., Va.,-----	M. P.
Wilkins, Ashley,-----	Gaston, N. C.,-----	L.
Williams, Eugene,-----	Gainesville, Ala.,-----	SP.
Wilson, Marshall Clark,-----	Russellville, Ala.,-----	I. C., AP. M.
Wood, Davis Miller,-----	Alleghany Co., Va.,-----	FR.
Woods, Henry McKee,-----	Charlottesville, Va.,-----	L., FR.
Wright, Charles Bruce,-----	Wilmington, N. C.,-----	FR.

RECAPITULATION.

Applied Mathematics,	2
Analytical Chemistry,	1
Analytical and Agricultural Chemistry,	5
Agriculture and Natural History,	1
Chemistry (General),	14
French,	18
German,	16
General and Industrial Chemistry,	2
Greek,	4

History, Literature and Rhetoric,	7
Industrial Chemistry,	9
Latin,	17
Modern Languages (French and German),	5
Moral Philosophy,	12
Mathematics (Pure),	15
Natural Philosophy,	13
Spanish,	2

TITLED GRADUATES.—JULY 1, 1876.

DOCTORS OF MEDICINE.

Chancellor, Eustathius Anderson,	Charlottesville, Va.
Culpeper, Vernon Grant,	Portsmouth, Va.
Davis, R. Frank,	Louisa County, Va.
Emerson, J. Baxter,	University of Virginia.
Field, Joseph,	New Frankford, Mo.
Fouke, Charles Frank,	Charlestown, W. Va.
Gilliam, Wm. Clement,	Spartansburg, S. C.
Hope, Frank Stanley,	Portsmouth, Va.
McKenzie, John Noland,	Baltimore, Md.
Massie, J. McDowell,	Richmond, Va.
Minor, James,	Spotsylvania Co., Va.
Nelson, John James,	Cumberland Co., Va.
Nelson, John William,	Charlottesville, Va.
Nicolson, William Perrin,	Middlesex Co., Va.
Olmsted, John Cook,	Rhinebeck, N. Y.
Robertson, Benjamin T.,	Culpeper County, Va.
Slaughter, Charles,	Lynchburg, Va.
Somerville, Henry,	Culpeper, Va.
Stevens, William LeRoy,	Richmond, Va.
Teel, Samuel Martin,	Albemarle Co., Va.
Wilson, Holt Couch,	Portland, Oregon.
Woolfolk, Ernest,	Orange County, Va.

BACHELORS OF LAW.

Anderson, Samuel A.,	Henry County, Va.
Bartlett, Eugene S.,	Monticello, Ga.
Bocock, Charles Wm.,	Lynchburg, Va.
Callaghan, Bryan,	San Antonio, Texas.

PROFICIENTS AND GRADUATES.

Downing, Henry H.,	.	.	.	.	.	Fauquier County, Va.
Dudley, Wm. Henry,	.	.	.	.	.	Lynchburg, Va.
Edmundson, Clarence,	.	.	.	.	.	Pulaski, Tenn.
Haden, Benjamin,	.	.	.	.	.	Alleghany County, Va.
Leakin, James Wilson,	.	.	.	.	.	Baltimore, Md.
McKee, Noble Butler,	.	.	.	.	.	Hanover, Md.
McKenney, William R.,	.	.	.	.	.	Petersburg, Va.
Miner, Richard Smith,	.	.	.	.	.	Alexandria, Va.
Myles, Beverly Blount,	.	.	.	.	.	Burtonton, Miss.
Prentis, Robert Riddick,	.	.	.	.	.	Charlottesville, Va.
Robertson, Thos. Bolling, Jr.,	.	.	.	.	.	Fauquier County, Va.
Rose, John Milton,	.	.	.	.	.	Little Rock, Ark.
Scruggs, John Murphy,	.	.	.	.	.	Grenada, Miss.
Shackelford, J. Green,	.	.	.	.	.	Charlottesville, Va.
Shrewsbury, H. Darneale,	.	.	.	.	.	Charleston, W. Va.
Southall, Robert Goode,	.	.	.	.	.	Amelia County, Va.

CIVIL ENGINEERS.

Gordon, John Beale,	.	.	.	.	.	Fauquier County, Va.
Wilson, Marshall Clark,	Russellville, Ala.

CIVIL AND MINING ENGINEER.

Bohannon, Rosser D.,	Mathews County, Va.
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BACHELOR OF SCIENCE.

Bohannon, Rosser D.,	Mathews County, Va.
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BACHELOR OF LETTERS.

Johnston, Christopher, Jr.,	Baltimore, Md.
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MASTERS OF ART.

Harding, Edward Coles,	Northumberland Co., Va.
Minor, Wirt,	Albemarle County, Va.
Preston, John Booker,	Lynchburg, Va.

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TERMS OF ADMISSION.

COURSES OF INSTRUCTION, EXPENSES, &c.

MATRICULATION.

To be admitted as a student of the University, the applicant must be at least sixteen years of age ; but the Faculty may dispense with this requirement in favor of one who has a brother of the requisite age entering at the same time.

If the applicant for admission has been a student at any other *incorporated* seminary, he must produce a certificate from such seminary, or other satisfactory evidence of general good conduct.

In this Institution there is no *curriculum* or prescribed course of study, to be pursued by every student, whatever his previous preparation or special objects. In establishing the University of Virginia, Mr. Jefferson, for the first time in America, threw open the doors of a University, in the true sense of the name, providing, as amply as the available means would permit, for thorough instruction in *independent schools*, in all the chief branches of learning, assuming that the opportunities for study thus presented were privileges to be voluntarily and eagerly sought, and allowing students to select for themselves the departments to which they were led by their special tastes and proposed pursuits in life to devote themselves.

The wisdom of this plan has been amply vindicated by time and experience ; and within the last few years many of the institutions of higher culture in the United States have, to a greater or less extent, remodelled their method of study in accordance with the example here set. This elective system commends itself especially to those who desire to make professional attainments in any department of knowledge. At the same time the courses of academic study are so arranged as to provide for the systematic prosecution of a complete plan of general education.

While every student may thus select the schools he will attend, in the academic department he is required, as a rule, to attend at least three, unless, upon the written request of his parent or guardian, or for good cause shown, the Faculty shall allow him to attend less than three.

Students are permitted to exchange schools, with transfer of fees, within ONE WEEK after admission; thereafter no exchange is allowed, except by leave of the Faculty, and then without transfer of fees.

The session commences on the 1st of October, and continues without interruption until the Thursday before the 4th of July.

The mode of instruction is by lectures and text-books, accompanied by daily examinations.

NO HONORARY DEGREES ARE CONFERRED BY
THE UNIVERSITY OF VIRGINIA.

LITERARY AND SCIENTIFIC DEPARTMENT.

SCHOOL OF LATIN.

Prof. Peters.

The subjects taught in this school are the Latin Language and Literature, with the History of Rome. The school is divided into three classes—Junior, Intermediate, and Senior.

- Text-Books.* JUNIOR CLASS—Cæsar, Ovid, Sallust.
INTERMEDIATE CLASS—Cicero, Virgil, Terence, Livy.
SENIOR CLASS—Cicero, Horace, Livy, Juvenal, Tacitus.
Grammar. Zumpt's, Gildersleeve's, Harrison's Exposition of the Laws of the Latin Language.
Lexicons. Andrew's, or Freund's Leverett.
History. Browne's Roman Literature, Liddell's Rome, Long's Atlas.

Instruction is given by lectures, and by examinations upon the portions of text assigned for recitation. The exercises of rendering Latin into English, and English into Latin, in writing, constitute a prominent feature in the course. In addition to the portions of the several authors read in the lecture room, a course of extra and parallel reading is required in each class.

SANSKRIT.

The Professor of Latin will also give instruction in Sanskrit.

Text-Books.—Monier Williams' Grammar, Benfey's Lexicon, selections from the Mahā-Bhārata.

SCHOOL OF GREEK.

Prof. Price.

The school is divided into three classes—Junior, Intermediate, and Senior. The method of instruction is by lectures (systematic and exegetical), by examination, and by written and oral exercises.

JUNIOR CLASS.—The Junior Class, for which a full knowledge of the Attic inflections and some experience in translation are demanded, is intended especially for those that wish to acquire a practical familiarity with the simpler Attic prose, both in reading and in writing it. The authors read in this class are Xenophon and Lysias.

Grammars.—Curtius's, Goodwin's Elementary. •

INTERMEDIATE CLASS.—The Intermediate Class is intended to give a knowledge of the Ionic and Doric Dialects. The authors read are Homer, Herodotus, and Theocritus.

SENIOR CLASS.—Demosthenes, Plato, Thucydides, Sophocles, and Euripides.

Grammars.—Goodwin's Moods and Tenses, Hadley's, and Kühner's.

The Geography and Political History of Greece are taught in the Junior Class, Political and Religious Antiquities in the Intermediate, and History of Literature in the Senior.

For each class a private course of parallel-reading also is prescribed.

In each class written exercises in Greek composition are required every week.

In the examination of candidates for graduation, the passages given for translation are selected, not from the portions read and explained in the lecture-room, but from the classic writers at will.

POST-GRADUATE DEPARTMENT.—The Post-Graduate Department has been instituted for the benefit of graduates and others who wish to pursue a more extended course of reading. The authors read in this department are such as are, either by their form or subjects, less suited for the regular school; *e. g.* Æschylus, Aristophanes, and Aristotle.

HEBREW.

The Professor of Greek will also give instruction in Hebrew whenever the demand for such instruction is sufficient to make the institution of a course of lectures expedient.

Grammar.—Deutsch's.

SCHOOL OF MODERN LANGUAGES.

Prof Schele De Vere.

The subjects taught in this school are:

1. The French, German, Italian, and Spanish languages.
2. The Literature of these languages, and the History of each idiom, embracing the general principles of the formation and growth of languages, and of Comparative Grammar and Philology.
3. The Anglo-Saxon language, and, in connection with it, the History and Laws of the English language.

Graduation in French and German is required for the degree of A. M. Diplomas of Graduation are conferred in each of the four languages mentioned in § 1; a Certificate of Proficiency in Anglo-Saxon.

FRENCH.

Text-Books.—JUNIOR CLASS.—The Professor's Grammar and First Reader, Télémaque, Charles XII.

SENIOR CLASS.—The Professor's Grammar, Molière, Racine, Voltaire, Saintine's Picciola, Masson's Dictionary. A course of private reading is prescribed.

GERMAN.

JUNIOR CLASS.—Otto's Grammar, Whitney's Reader, Schiller's William Tell.

SENIOR CLASS.—Whitney's Grammar, Adler's Dictionary, Schiller's Works, Goethe's Autobiography and Faust, Jean Paul's Flegeljahre. A course of private reading is prescribed.

SPANISH.

The Professor's Grammar, Seoane's Dictionary, Velasquez' Reader, Don Quixote, Calderon's El Principe Constante, Lope's Estrella de Sevilla.

ITALIAN.

Bacchi's Grammar, Monti's Reader, Manzoni's I Promessi Sposi, Tasso's Gerusalemme Liberata, Pellico's Le Mie Prigioni, Dictionary.

ANGLO-SAXON.

Shute's Manual of Anglo-Saxon, The Professor's Studies in English.

CORCORAN SCHOOL OF MORAL PHILOSOPHY.

Prof. Noah K. Davis.

The subjects of this School are treated as follows:

I. In **PSYCHOLOGY**, the Intellectual Powers are viewed as modes of consciousness, and distributed as Presentation, Representation, and Reason. The discussion, having evolved the laws of Pure Thought, is followed immediately by the course in Logic. The Psychology of the Sensibilities and Will is then considered, followed by the course in Ethics. Constant appeal is made to reflective consciousness as the ultimate test of truth in Psychological Science.

Text-Books.—Hamilton's *Metaphysics*, Mansel's *Metaphysics*, Kant's *Critique of Pure Reason*.

II. In **LOGIC** both the Aristotelic and Hamiltonian analyses are applied to many examples, and select arguments reduced to syllogistic statement. Special attention is given to the nature and methods of inductive inference.

Text-Books.—Hamilton's *Logic*, Mill's *Logic*.

III. In **ETHICS** the intuitional theory is maintained against utilitarianism. The chief problems of ethical science are discussed, and its principles applied to personal and social duty.

Text-Books.—Calderwood's *Hand Book of Moral Philosophy*, Stewart's *Active and Moral Powers*, Blackie's *Four Phases of Morals*.

IV. In **PHILOSOPHY** an outline of the history of speculation is given, from Plato to Hegel. The opinions of the various schools are sketched, the views of different philosophers compared and criticised, and the principles of Ontology examined.

Text-Book.—Ueberweg's *History of Philosophy*.

The class is examined on the subject as developed by the lectures, supplemented by such portions of the text-books as may be indicated by the Professor.

POLITICAL ECONOMY.

Those studying this subject constitute a separate class. The lectures discuss the relations of Labor and Capital; also various systems of Currency, Banking, Finance, and Taxation, with special reference to what

is peculiar in the physical condition, political and social institutions, and industrial pursuits of our own country. Fundamental questions in Sociology are also considered.

Text-Books.—Mill's Principles of Political Economy, and Bowen's American Political Economy.

CORCORAN SCHOOL OF HISTORY. GENERAL LITERATURE AND RHETORIC.

Prof. Holmes.

This School is divided into two distinct classes—one of History and one of Literature and Rhetoric. To each, two lectures in the week are regularly devoted;* but exercises in literary composition are required from the members of the Literary Class. Each study may be pursued separately.

CLASS OF HISTORY.

In the Historical Class the successions, revolutions, and various aspects of the principal nations of the world are considered in such a manner as to afford a general and connected view of the progress of political and social organizations. Institutions and laws are noted as the manifestations of different phases of society; an attempt is made to discover and elucidate the conditions of historical advancement, and to refer the changes of nations and governments to the operation of regular principles.

Text Books.—Schmitz's Manual of Ancient History; Smith's History of Greece; Gibbon, abridged by Smith; Taylor's Manual of Modern History.

For reference.—Kiepert's Atlas Antiquus, or Long's Ancient Atlas; Appleton's (College) Atlas; Chambers' Atlas, or other Modern Atlas.

CLASS OF LITERATURE AND RHETORIC.

In the Class of Literature and Rhetoric, the English Language, English Composition, Rhetoric, and the English Classics, with the History of English Literature, are studied.

The origin, growth, and philological peculiarities of the Language are considered; the various influences, domestic and external, by which it

has been brought to its present condition, are explained ; the general principles of Rhetoric and Criticism are taught ; the lives of the most eminent authors in the language are treated in their historical order and connection ; and the critical examination and appreciation of their chief productions occupy much of the time of the student. The class will also be required to practise Literary Composition.

Text Books.—Jamieson's Grammar of Rhetoric ; Keane, Handbook of the English Language ; Shaw's Complete Manual of English Literature, Ed. Smith and Tuckerman ; Student's Specimens of English Literature, Ed. Shaw and Smith, London.

Shakspeare's Complete Works ; Milton's Poetical Works.

For instruction in Oratory or spoken composition, those portions of Dr. Broadus's Treatise on the Preparation and Delivery of Sermons which are appropriate to secular purposes, are specially commended. The study of Angus's Handbook of the English Language is also recommended.

SCHOOL OF MATHEMATICS.

Prof. Venable.

This school embraces two distinct departments or courses :

1. Pure Mathematics.
2. Mixed Mathematics.

PURE MATHEMATICS.

In the course of Pure Mathematics there are three classes—Junior, Intermediate, and Senior.

JUNIOR CLASS.—Theory of Arithmetical Notation and Operations, Algebra, Geometry, Geometrical Analysis, Elementary Plane Trigonometry. The preparation desirable for entrance into this class is the thorough study of Arithmetic, of Algebraic Operations through Equations of the Second Degree, and of Plane Geometry.

INTERMEDIATE CLASS.—Plane and Spherical Trigonometry, Analytical Geometry of two dimensions, the Elements of Descriptive Geometry, and of the Theory of Equations.

SENIOR CLASS.—Analytical Geometry of three Dimensions, Differential and Integral Calculus, Calculus of Variations, and Theory of Equations. Lectures are given in this class on the History of Mathematics, and on the elements of some of the modern Mathematical Theories.

Text Books.

JUNIOR CLASS.—Todhunter's Algebra, Venable's Legendre Geometry.

INTERMEDIATE CLASS.—Snowball's Trigonometry, Law's Logarithms, Puckle's Conic Sections, Church's Descriptive Geometry.

SENIOR CLASS.—Aldis's Solid Geometry, Courtenay's Calculus, Todhunter's Differential and Integral Calculus, Todhunter's Theory of Equations.

In the Junior Class there are three Lectures each week ; in the Intermediate Class, two Lectures each week ; in the Senior Class, three Lectures each week.

MIXED MATHEMATICS.

This course is designed for those students who may desire to prosecute their studies beyond the limits of the Pure Mathematics. It embraces Applications of the Differential and Integral Calculus to selected portions of Mechanics, Physics, and Physical Astronomy. There is one class in Mixed Mathematics.

In the class of Mixed Mathematics there are two Lectures each week.

The instruction in each class in the School of Mathematics is conveyed partly by lectures and partly by the systematic study of approved textbooks, the student being assisted by full and frequent explanations from the Professor, and being constantly subjected to rigid examinations. The progress of the student in each class is also tested by his being required to perform written exercises, in which the principles acquired are applied to the solution of particular problems.

Any student entering the school has the privilege of attending all or any of the classes, and if prepared to enter an advanced class, may often find it highly advantageous to review his previous studies by attendance on a lower class also.

SCHOOL OF NATURAL PHILOSOPHY.

Prof. Smith.

This School includes two departments—General Physics and Practical Physics.

I. GENERAL PHYSICS.

JUNIOR CLASS.—The Junior Class meets three times in each week throughout the session of nine months. The object of the course of

lectures to this class is to furnish the student with a comprehensive view of Modern Physics, and to make him familiar with its methods of investigation. With the design of laying a thoroughly scientific basis for the course, a large space is given at the outset to the discussion of the cardinal doctrines of motion, force and energy, and to their simpler applications in the pressure and motion of visible masses.

With this preparation the student proceeds to the subject of Molecular Physics, embracing Sound, Light, Heat and Electricity. Throughout the course the established laws of motion and force are kept steadily in view, and an attempt is made to exhibit the evidence, daily becoming stronger and clearer, for the prevalent belief among scientists, that the entire body of Physics is a coherent and harmonious system of mechanical truth.

TEXT-BOOK.—The Professor's Syllabus.

FOR REFERENCE.—Everett's Privat Deschanel ; Jamin ; Daguin.

SENIOR CLASS.—This class meets twice each week, and studies Mechanics and Astronomy.

TEXT-BOOKS.—Parkinson's Mechanics, in conjunction with the Professor's Syllabus. Norton's Astronomy, with Chauvenet's Astronomy for reference.

Candidates for graduation in the school of Natural Philosophy are required to attend only the foregoing classes.

II. PRACTICAL PHYSICS.

To meet the wants of students who may be preparing themselves to become teachers of science, and of those who, for other reasons, desire to push their studies in Physics beyond the limits of the lecture room course, the Visitors have recently instituted a special department with the above title, and have authorised a separate diploma of graduation to be given to such as exhibit proficiency in its exercises. The course of instruction in this class will be partly theoretical and partly experimental, embracing the following topics:

A. THEORETICAL.—Reduction of observations. Graphical representation of results. Interpolation. Method of Least Squares. Essays on prescribed Physical topics.

B. EXPERIMENTAL.—In this, the main portion of the course, the student will learn physical manipulation, and the use of instruments by actual practice.

1. Lecture-room Apparatus and Lecture-room Experiments.

2. Physical measurements and "instruments of precision." Cathetometer. Spherometer. Dividing Engine. Goniometer. Balance. Syren. Monochord. Revolving Mirror. Photometer. Microscope. Spectroscope. Polariscope. Electrometer. Galvanometer. Meteorological instruments, with daily use of the same.

TEXT-BOOKS.—Chauvenet, "Method of Least Squares,"—Pickering, "Physical Manipulation,"—Kohlrausch, "Physical Measurements,"—McCulloch, "Theory of Heat."

MINERALOGY AND GEOLOGY.

These subjects are, for the present, annexed to this school, and are assigned to a separate class, which the members of other classes in the School may attend without payment of an additional fee. The lectures embrace Physical Geography and Mineralogy, so far as they are indispensable to the student of Geology. Special reference is made to the Geological structure of Virginia and the neighboring States.

Students in this class will hereafter have the help of the large collections of the new Natural History Museum.

TEXT-BOOK.—Dana's Manual of Geology.

SCHOOL OF GENERAL AND APPLIED CHEMISTRY.

Prof. Mallet.

In this school there are two classes:

I. The class in general Chemistry hears three lectures each week throughout the session. The fundamental ideas of chemical science, the relations of Chemistry to Physics, the laws regulating chemical combinations by weight and by volume, the atomic theory as at present viewed in connection with Chemistry, the chemical nomenclature and symbols now in use, and a general survey of the descriptive chemistry of the ele-

ments and their compounds, inorganic and organic, are brought forward in order, with incidental allusion to the applications in medicine, the arts and manufactures, of the facts mentioned.

The attention of medical students is particularly drawn to the physiological, medical, and sanitary relations of the subject—the chemical nature and properties of poisons, methods of detecting them, and of counteracting their effects, etc.

TEXT-BOOKS.—“Fowne’s Chemistry,” last edition. Recommended for reference : Miller’s “Elements of Chemistry ;” À Naquet—“Principes de Chimie fondée sur les théories modernes.”

Lectures on Pharmacy are given to the students of medicine, this special course beginning soon after the intermediate examinations.

TEXT-BOOK.—Parrish’s Pharmacy.

II. The class in Industrial Chemistry, to which class also three lectures a week are delivered, studies in detail the chemical principles and processes specially concerned in the more important arts and manufactures, upon which, in large measure, depends the development of the natural resources of the country, the opportunity being thus presented of preparation for such positions as those of the miner and metallurgist, the chemical manufacturer, the dyer, bleacher, tanner, sugar refiner, etc.

Amongst the more important subjects discussed are : the production of MATERIALS OF VERY GENERAL APPLICATION, including the metallurgy of iron, copper, lead, zinc, tin, silver, gold, etc. ; the preparation and properties of alloys, and the processes of electro-metallurgy, the manufacture upon the large scale of acids, alkalies, salts, glass, porcelain, and earthenware ; the production and preservation of FOOD, including the processes of bread-baking, wine-making, brewing, and distilling ; the manufacture of sugar and vinegar, the curing of meat, the examination and purification of drinking water, etc. ; chemical arts relating to CLOTHING, such as bleaching, dyeing, calico printing, tanning, and the preparation of India rubber ; the chemistry of those arts which afford us SHELTER, embracing the examination of building materials, lime-burning, the manufacture of mortar and cement ; the explosive agents used in blasting, as gunpowder, gun cotton, nitro-glycerine, paints and varnishes, disinfecting materials, etc. ; HEATING and VENTILATION, the different kinds of fuel, and modes of burning them ; ILLUMINATION by artificial means, candles,

lamps, the preparation of petroleum, the manufacture of illuminating gas, matches; the chemistry of WASHING, the preparation of soap, starch, and perfumes; the chemical relations of PRINTING and WRITING, the manufacture of paper, ink, artists' colors, photographic materials, etc.

TEXT-BOOKS.—Wagner's "Chemical Technology," translated by Crookes. For reference: Richardson and Watt's "Chemical Technology;" Muspratt's "Chemistry as Applied to Arts and Manufactures;" Ure's "Dictionary of Arts and Manufactures;" Dumas—"Traité de Chimie appliquée aux Arts;" Percy's "Metallurgy," etc.

The lectures to both these classes are illustrated by suitable experiments, and by such specimens, models, drawings, etc., as the various subjects require. The collections of the University in illustration of the processes and products of Industrial Chemistry have been procured with much expense and pains in this country, England, France, and Germany, and are unusually extensive and good—amongst the best, if not the best, on this side of the Atlantic.

SCHOOL OF APPLIED MATHEMATICS AND CIVIL ENGINEERING.

Adjunct Prof. Thornton.

The business of this department is distributed among three classes, as follows:

JUNIOR.

1. Engineering Geodesy, including Land Surveying, Levelling, and Topographical Surveying, with Field work, which is continued throughout the course.
2. Theory of Parallel Projections, Orthogonal, Axonometric and Oblique, with the Construction of Shades and Shadows.
3. Construction and Setting out of Roads, Railways, Tunnels, and Canals.
4. Elementary Free-hand and Topographical Drawing.

INTERMEDIATE.

1. Theory of Central Projections, or Linear Perspective.
2. Resistance of Materials, and Stability of Constructions in Earth, Masonry, Wood and Metals, including the Construction of Foundations, Retaining Walls, Arches, Bridges, and Roofs.
3. Higher Geodesy, and the Projection of Maps.
4. Free-hand and Topographical Drawing, Constructive Drawing and Design.

SENIOR.

1. Theoretical and Constructive Mechanism, and the Mechanics of Machines.
2. Hydraulic Engineering, Theory of Hydraulic Motors.
3. Thermodynamics, Theory of the Steam Engine.
4. Mechanical Drawing and Design.

TEXT-BOOKS.—Rankine's "Civil Engineering ;" Warren's "Descriptive Geometry ;" Warren's "Linear Perspective ;" Smith's "Topographical Drawing ;" Rankine's "Machinery and Mill Work ;" Barry's "Railway Appliances."

Lectures are delivered supplementary to the text-books, and systematic on subjects for which no suitable text-book is attainable.

AGRICULTURAL ENGINEERING.

The course of Agricultural Engineering embraces selected portions of the course of Civil Engineering, together with a further course on the construction and use of Agricultural Machines.

MINING ENGINEERING.

The course of Mining Engineering embraces selected portions of the course of Civil Engineering, together with the Theory of Underground Surveying; Setting out Underground Works, and the construction and use of Machines used in the working of Mines.

SCHOOL OF ANALYTICAL AND AGRICULTURAL
CHEMISTRY.

Prof. Mallet. Adjunct Prof. Dunnington.

In Analytical Chemistry there are three classes:

I. The first class meets twice each week during the session, on each occasion spending from two to four hours in practical experiments in the laboratory. A regularly arranged course of practice in chemical manipulation is first pursued; qualitative analysis is then taken up, and the means of detecting the most important chemical substances having been learned, students are required to find out for themselves, by analysis, the constituents of unknown materials presented to them. Special attention is given to substances having useful applications in the arts or connected with agriculture. Towards the close of the session, the elements of quantitative analysis are taught, as far as the limitation of time will permit.

II. The laboratory will be open to the second class on six days of each week during the whole of the working hours of each day. A full course of instruction in practical chemistry, including the qualitative and quantitative analysis of ores, soils, manures, technical products, etc., will be given; and students will be assisted and encouraged to undertake original research.

III. The third class is one specially intended for students of medicine, and will meet for lessons of two hours each, twice in the week for two months of the session. To this class the practical applications of chemistry to medicine will be taught, the detection of poisons, chemical and microscopical examination of animal products, urine, blood, etc.

Among the works recommended to laboratory students are: Fresenius—"Qualitative and Quantitative Analysis;" H. Rose—"Handbuch der analytischen Chemie" (also in French translation); Greville Williams—"Handbook of Chemical Manipulation;" Wohler—"Examples for practice in Chemical Analysis;" Von Kobell—"Tafeln zur Bestimmung der Mineralien," (also in English translation); Bolley—"Handbuch der technisch-chemischen Untersuchungen;" Odling—"Practical Chemistry for Medical Students;" A. H. Church—"Laboratory Guide for Agricultural Students."

Besides the above there will also be a class in Practical Pharmacy, specially intended for medical students, which will receive twelve lessons during the latter half of the session.

TEXT-BOOKS.—Parrish's Pharmacy ; with Wood and Bache's "United States Dispensatory," for reference.

In Agricultural Chemistry there is one class, to which lectures are delivered once a week throughout the session ; or, when found more convenient to students of agriculture, a larger number of lectures per week will be given during a part of the year only.

In this course the chemical and physical properties of soils, of the atmosphere, and of plants, chemistry of the processes of vegetable life and growth, the composition and chemical preparation of manures, etc., will be discussed.

TEXT-BOOKS.—S. W. Johnson—"How Crops Grow," and "How Crops Feed," For reference—J. F. W. Johnston—"Agricultural Chemistry;" R. Hoffman—"Theoretisch-praktische Ackerbauchemie."

Farmers who are not regular students of the University, but may desire to attend this special course, are freely invited to do so.

Very liberal provision has been made in the way of material arrangements for the teachings of this Chair. A new laboratory building of ample size, specially designed for the purpose of working students, has been erected, containing all necessary rooms, fitted with double windows for the perservation of uniform temperature, and amply supplied with gas, water, and all proper laboratory fixtures ; and all needful apparatus, chemicals, minerals, materials for analysis, etc., have been imported from Europe in abundance.

SCHOOL OF NATURAL HISTORY, EXPERIMENTAL AND PRACTICAL AGRICULTURE.

PROF. JOHN R. PAGE.

This school is divided into three classes, viz: Zoology, Botany, and Agriculture.

I. ZOOLOGY includes the study of the leading principles of the science, with special reference to the Anatomy, Physiology, and Morphology of typical species throughout the animal kingdom.

Special lectures are given during this course on Insects injurious to Vegetation; Fish and Oyster culture, and the breeding, rearing, and diseases of Domestic Animals.

II. BOTANY includes a minute history of the structure, physiology and morphology of the plant, in embryo, root, stem, leaf, flower, fruit, and formation of seed.

During this course, special lectures are given on Noxious Weeds and Useful Plants, and the Fungoid diseases of Plants.

III. AGRICULTURE.—This course is divided into two parts, Experimental and Practical.

1. Experimental Agriculture has reference to the food of Plants in the Atmosphere and Soil; the formation, variety, classification and adaptation of soils to various crops, illustrated by suitable experiments.

2. Practical Agriculture relates to the Soil Cultivated, its nature, exposure and drainage; the importance of making Domestic Manures and their application; use of Fertilizers, with experiments, in order to show their effects. Tillage is illustrated practically on the farm, in plowing, subsoiling, harrowing, rolling, etc.; in preparing the land for the reception of Seed, as well as in the cultivation of Crops. Special instruction is given in regard to the practical management of teams, and in the various mechanical operations on the farm.

The lectures in the three classes are delivered concurrently throughout the season, as far as practicable.

The following Text-Books will be used in this School :

“Manual of Zoology,” Nicholson ; “School and Field Book of Botany,” Gray ; “How Crops Grow,” Johnson ; “How Crops Feed,” Johnson ; “Scientific Agriculture,” Pendleton.

The following may be usefully referred to in connection with different parts of the course : Carpenter’s “Zoology ;” Harris’ “Insects Injurious to Vegetation ;” Chapman’s “Flora of the Southern States ;” “How to Farm Profitably,” Mechi ; “Muck Manual,” Dana ; “American Weeds and Useful Plants,” Darlington.

THE MEDICAL DEPARTMENT.

JAMES L. CABELL, M. D., M. A.,

PROFESSOR OF COMPARATIVE ANATOMY, PHYSIOLOGY AND SURGERY.

TEXT-BOOKS.—Dalton's Physiology, Huxley's Elements of Physiology, Ashurst's Surgery.

JOHN STAIGE DAVIS, M. D.,

PROFESSOR OF ANATOMY AND MATERIA MEDICA.

TEXT-BOOKS.—Wilson's Anatomy and Biddle's Materia Medica.

JAMES F. HARRISON, M. D.,

PROFESSOR OF MEDICAL JURISPRUDENCE, OBSTETRICS, AND PRACTICE OF MEDICINE.

TEXT-BOOKS.—Roberts' Practice of Medicine (last edition), Hartshorne's Essentials, Taylor's Medical Jurisprudence (last edition), Playfair's with Roberts' Midwifery (last editions).

J. W. MALLET, Ph. D., LL. D.,

PROFESSOR OF CHEMISTRY AND PHARMACY.

TEXT-BOOKS.—Fownes' Chemistry and Parrish's Pharmacy.

WILLIAM B. TOWLES, M. D.,

DEMONSTRATOR OF ANATOMY.

The Medical Department is organized on the same general plan as the other departments of the University, the distinctive features of which are comprehensiveness and thoroughness of instruction, and the graduation of the student upon satisfactory evidences of attainments only, without regard to the length of time he may have been attending the lectures. An experience of more than forty years has fully tested the excellence of the plan. The scholarship of the alumni of the institution and the value of its degrees are now freely conceded by cultivated and liberal men throughout the country.

The Medical Department of the University aims at thorough work in its special province, to wit: the instruction of the student in the principles of medicine, and his discipline in the modes of acquiring and applying knowledge. Thus, whilst the only solid foundation of professional attainments is laid, the mental faculties are expanded and strengthened

for that growth in knowledge, usefulness and distinction to which every one who enlists in an honorable and responsible profession should aspire. The organization and arrangements by which these aims are successfully accomplished may be briefly stated:

ARRANGEMENTS OF STUDIES.

The length of the session, (nine months) renders it convenient and eligible to distribute the subjects of instruction among a smaller number of Professors than in the other medical schools of the United States, whose sessions are only four or five months long. Thus, to one Professor is assigned Physiology and Surgery; to another, Human Anatomy and Materia Medica; to a third Chemistry and Pharmacy; and to a fourth, Medical Jurisprudence, Obstetrics, and the Practice of Medicine. This distribution renders it practicable to bring the different subjects to the attention of the student in their natural and successive order. The arrangement of the lectures is such that he acquires a competent knowledge of Anatomy, Physiology and Chemistry, before he enters upon the study of the principles and practice of Medicine and Surgery, which can only be studied properly in the lights shed upon them by the former. The instructions in Materia Medica and Pharmacy are also given in due relation to the progress of the student in Chemistry.

PHARMACY.

The introduction of Pharmacy into the course of instruction is another feature of interest, serving, as it does, to initiate the student into an art which he will find of value when he comes to the practice of his profession.

LECTURES AND DAILY EXAMINATIONS.

Favored as the student is in the comprehensiveness, scientific basis and order of his studies, he is not less favored by arrangements which give ample time for the preparation of every lecture, and address motives to him for such preparation. Each professor gives three regular lectures a week, with occasional extra lectures, making the average weekly aggregate not over fourteen, or a little more than two a day. The student, therefore, is not over-burdened with lecture-room attendance. He has time for study in his private room, to consult books, and compare their teachings with the oral instructions of his Professor, and to digest and systematise his acquisitions from both sources. The daily examinations which precede every lecture supply the stimulus to regular and active study, serve as summary reviews of what he has already heard or

read, and as correctives of any misconceptions he may have fallen into in his hearing or reading. The daily examinations constitute a very valuable part of the exercises of the Institution, and are taken into account in determining the fitness of a student for graduation.

APPARATUS AND ILLUSTRATIONS.

The equipment of the Medical Department in apparatus, specimens and drawings, is extensive and excellent. The collection of paintings for the illustration of the lectures on Anatomy, Physiology and Surgery, several hundred in number, is unequalled by anything of the kind in the United States, or perhaps abroad.

PRACTICAL ANATOMY AND DISSECTION.

The Department furnishes every facility for the study of practical Anatomy that can be furnished in similar institutions elsewhere. Adequate provision is made for the supply of subjects, and each student has the opportunity, by actual dissections under the guidance of the Demonstrator of Anatomy, of acquiring a practical knowledge of the structure of the human body in all its parts.

D E G R E E S.

The degree of Doctor of Medicine is conferred upon such students as prove their fitness for the same by rigid and searching examination. It has ever been the policy of the Institution to make its honors testimonials of merit, and not certificates of attendance on a prescribed course of instruction. In accordance with this policy, the degree of Doctor of Medicine may be conferred on a first-course student if found worthy of it. Not only is it within reach of the intelligent, diligent and persevering to graduate in one session of nine months, but in point of fact many do thus graduate.

LABORATORY COURSES FOR MEDICAL STUDENTS.

In addition to the usual course of Medical Lectures, two special courses of instruction will be given by the Professor of Analytical Chemistry, to such Medical Students as may desire to pursue them:

1st. Sixteen lessons in the practical applications of Chemistry to Medicine, (the detection of poisons, chemical and microscopic examinations of animal products, urine, blood, etc.)

2nd. Twelve lessons in practical pharmaceutical manipulations.

Each of the above (optional) courses will be at a charge of \$20 tuition fee, and \$5 for laboratory material consumed.

LAW DEPARTMENT.

JOHN B. MINOR, LL. D.,

PROFESSOR OF COMMON AND STATUTE LAW.

STEPHEN O. SOUTHALL, LL. D.,

PROFESSOR OF CIVIL, INTERNATIONAL, AND CONSTITUTIONAL LAW AND EQUITY.

This Department is organized with a view to acquaint the student FAMILIARLY AND PRACTICALLY with the principles of his profession. The instruction is as thorough as possible, and is given partly through textbooks and partly through lectures, with daily examinations upon both.

A Moot-Court, in connection with other instruction, tends to perfect the student in the details of practice. Under the immediate supervision of the professors, he is required to pronounce opinions upon supposed cases; to devise and institute remedies by suit or otherwise; to conduct suits at law and in equity from their inception through all their stages; to draw wills, conveyances, and other assurances; and in short, to perform most of the functions of a practising lawyer.


The Department comprises two schools, each of which is divided into two classes, and the course of study is as follows:

SCHOOL OF COMMON AND STATUTE LAW.

PROF. JOHN B. MINOR, LL. D.

JUNIOR CLASS.—Blackstone's Commentaries; Minor's Synopsis of Criminal law; Minor's Institutes of Common and Statute Law; Lithographed Lectures on Personal Property.

SENIOR CLASS.—Stephen on Pleading; Lithographed Lectures on Remedies, including Pleading and Practice; Lectures on the Law of Executors, &c.

 For reference: Virginia Code (1873), Revised Statutes of United States.

SCHOOL OF EQUITY, MERCANTILE AND INTERNATIONAL,
CONSTITUTIONAL AND CIVIL LAW, AND GOVERNMENT.

PROF. S. O. SOUTHALL, LL. D.

JUNIOR CLASS.—Vattel's International Law, Lectures on Government, Federalist.

SENIOR CLASS.—Smith's Mercantile Law, Greenleaf's Evidence, Barton's Suit in Equity, Adams' Equity, with Lectures.

In the Department of Law, the degree of BACHELOR OF LAW is conferred upon those who, upon examination conducted in writing, manifest an intimate acquaintance with the subjects taught in ALL THE CLASSES; and to those who, upon like examination, exhibit a competent knowledge of International and Constitutional Law, and of the Science of Government, a certificate of proficiency is awarded.

In order to obtain the degree, the whole of the foregoing course must be completed HERE, no preliminary examination being had upon entering.

The course is designed for two sessions, and in general, it is not prudent to devote less to it, the future professional success of the student depending much upon his full mastery of it. It is a maxim sanctioned by long and wide experience, that "he who is not a good lawyer when he comes to the bar, will seldom be a good one afterwards." And in order to such thorough acquaintance with the elements of the law, thought is requisite as well as reading; and for the purpose of thought, there must be TIME to digest, as well as INDUSTRY to acquire. One cannot expect to gorge himself with law, as a boa constrictor does with masses of food, and then digest it afterwards; the process of assimilation must go on, if it is to proceed healthfully and beneficially, at the same time with the reception of the knowledge. So the athlete judges, who wishes to train the physical man to the most vigorous development, and the intellectual athlete cannot do better than imitate the example.

But whilst the student is advised, as a general rule, to avoid the attempt to complete the course in a single session, yet, if he chooses to essay it (as some do successfully,) he is admitted to stand the graduating examinations, and if he attains the standard required, he is entitled to his degree.

The expenses of the Law Student, as appears from page 55 of the Catalogue, amount to about \$361 for a session of nine months, commencing 1st October; or if he messes, to about \$271 per session.

AGRICULTURAL DEPARTMENT.

JOHN R. PAGE, M. D.,

Professor of Natural History, Experimental and Practical Agriculture.

JOHN W. MALLETT, PH. D., M. D., LL. D.,

Professor of General and Applied Chemistry.

FRANK P. DUNNINGTON, B. Sc.,

Adjunct Professor of Analytical and Agricultural Chemistry.

WILLIAM M. THORNTON,

Adjunct Professor of Applied Mathematics and Engineering.

THE late Samuel Miller, of Lynchburg, having by deed given in trust one hundred thousand dollars for the establishment of a Department of Scientific and Practical Agriculture at the University of Virginia, the Trustees under this deed met the Rector and Visitors of the University on the 17th of September, 1869, and arrangements were made for putting the said department in operation. These arrangements have subsequently, by action taken at various times, been extended and added to. the above named Professors have been nominated by the Trustees of the "Miller Fund," and elected by the Board of Visitors of the University, certain lands belonging to the University have been set aside and brought into cultivation as an Experimental Farm, a machine for the manufacture of drain tiles has been imported from England and put in operation, and implements, apparatus, models and specimens of various kinds have been collected as material aids to the course of instruction.

In this, as in all the other departments of the University, entire freedom of choice is left to the student as to the Schools he shall attend, and the order in which he shall attend them, and this choice will be influenced in individual cases by the nature and extent of previous preparation as well as by difference of ulterior aim; but a student of average ability, who has already had a fair general education, and who comes to

the University with the intention of devoting himself to a study of the principles upon which Agriculture is based, will probably do well to select for the first year Natural Philosophy, (Junior Class,) Chemistry, (general,) Natural History and Mineralogy and Geology; and for the second year Scientific and Practical Agriculture, Agricultural and Industrial Chemistry (including the first Laboratory class of Analytical Chemistry) and Agricultural Engineering. This arrangement of studies may with advantage be expanded to a course for three years, or may be varied by the selection of other Schools when deemed desirable. For the method of study in the respective Schools, reference should be made to the preceding pages of this Catalogue.

TRUSTEES OF MILLER FUND.

W. J. ROBERTSON, *President*,

J. M. MCBRYDE,
W. W. MINOR,
S. W. FICKLIN,

S. V. SOUTHALL,
J. F. SLAUGHTER,
R. T. W. DUKE, *Secretary*.

FINAL EXAMINATIONS—1878.

June 1, Saturday,	Latin II.
“ 3, Monday,	History; Zoology; Senior Natural Philosophy.
“ 5, Wednesday,	Senior Mathematics.
“ 7, Friday,	German.
“ 8, Saturday,	Greek I; Applied Chemistry.
“ 10, Monday,	Junior Natural Philosophy.
“ 12, Wednesday,	Latin III.
“ 13, Thursday,	Anglo Saxon.
“ 14, Friday,	General Chemistry.
“ 15, Saturday,	French.
“ 17, Monday,	Greek II.
“ 18, Tuesday,	Literature.
“ 19, Wednesday,	Moral Philosophy.
“ 20, Thursday,	Practical Agriculture.
“ 21, Friday,	Junior Applied Mathematics.
“ 22, Saturday,	Intermediate and Junior Latin; Geology.
“ 24, Monday,	Intermediate and Junior Mathematics.

LICENTIATES.

Any person of unexceptionable character and habits, upon producing to the Faculty satisfactory evidence of suitable capacity and attainments, will be licensed by the Faculty to form classes for private instruction in any school of the University, in aid of and in conformity to the public teachings of the Professor upon any subject taught therein. The employment, selection and compensation of any such Licentiate is left to the option of the students.

SCHEME OF LECTURES.

	8h. to 9h.	9h. to 10h.	10h. to 11.	11h. to 12½.	12½h to 2h.	3½h to 5h.
MONDAY.	Sen. Greek. Int. Latin. Sen. Ap. Mat. 8 to 9½.	Sen. Latin. Italian.	Hist. & Lit. Sen. Nat. Phil Spanish. Phys. & Surg. 9 to 11	Chemistry. Sen. Mat. Jun. Law. PROF. MINOR.	Sen. German Sen. Law. PROF. SOUTHALL. Jun. Greek.	Polit. Econ. Jun. Mat. Ind. Chem.
TUESDAY.	Jun. French. Sen. Greek. Int. Ap. Mat.	Jun. German Int. Ap. Mat.	Hist. & Lit. Jun. Ap. Mat. Medicine. 9 to 11.	Jun. Nat. Phil Anatomy. Sen. Law. PROF. MINOR.	Int. Greek. Jun. Latin. Jun. Law PR. SOUTHALL.	Moral Phil. Ag. Chem. Nat. His. & Ag.
WEDN'DAY.	Sen. Greek. Int. Latin. Sen. Ap. Mat. 8 to 9½.	Sen. Latin. Italian. Jun. Ap. Mat	Hist. & Lit. Sen. Nat. Phil Spanish. Phys. & Surg. 9 to 11.	Chemistry. Sen. Mat. Jun. Law.	Sen. German. Sen. Law. Jun. Greek.	Ind. Chem. Jun. Mat. Polit. Econ.
THURS.	Jun. French. Int. Ap. Mat.	Sen. French. Int. Ap. Mat.	Hist. & Lit. Medicine. 9 to 11.	Jun. Nat. Phil Anatomy. Sen. Law.	An. Chem. Int. Mat. Jun. Law.	Moral Phil. Nat. His. & Ag.
FRIDAY.	Sen. Greek. Int. Latin. Sen. Ap. Mat.	Sen. Latin Jun. Ap. Mat.	Hist. & Lit. Sen. Nat. Phil Phys. & Surg. 9 to 11.	Chemistry. Sen. Mat. Jun. Law.	Int. Greek. Jun. Latin. Anglo-Sax. Sen. Law. Geology.	Moral Phil. Jun. Mat. Ind. Chem.
SAT'DAY.	Jun. German.	Sen. French.	Jun. Latin. Jun. Ap. Mat Medicine. 9 to 11.	Jun. Nat. Phil Anatomy. Sen. Law.	An. Chem. Int. Mat. Jun. Law.	Moral Phil. Nat. His. & Ag.

EXAMINATIONS.

The examinations are of three kinds: 1, the DAILY examinations; 2, the INTERMEDIATE and FINAL general examinations; and 3, the examinations for GRADUATION.

DAILY EXAMINATIONS.

Each Professor, before commencing the lecture of the day, examines his class orally on the subject of the preceding lecture as developed in the text-book and expounded in the lecture.

GENERAL EXAMINATIONS.

Two general examinations of each class are held during the session in the presence of a committee of the Faculty, which every student is required to stand. The first, called the Intermediate examination, is held about the middle of the session, and embraces in its scope the subjects of instruction in the first half of the course. The second, called the Final examination, is held in the closing week of the session, and embraces the subjects treated of in the second half of the course. These examinations are conducted in writing. The questions propounded have each numerical values attached to them. If the answers of the student are valued in the aggregate at not less than three-fourths of the aggregate values assigned to the questions, he is ranked in the FIRST division; if less than three-fourths and more than one-half, in the SECOND division; if less than one-half and more than one-fourth, in the THIRD division; and if less than one-fourth, in the FOURTH division.

Certificates of distinction are awarded to those who attain the first division at one or both of these examinations, and their names are published or announced in the closing exercises of the session.

The general examinations are sufficiently comprehensive and difficult to render it impossible for the student, without steady diligence, to secure a place in the first division. The results, whatever they may be, are communicated to parents and guardians respectively in the final circular of the session.

The standing of the student at the daily and general examinations is taken into account in ascertaining his qualifications for graduation in any of the schools.

EXAMINATIONS FOR GRADUATION.

The examinations for graduation are held in the last month of the session. They are conducted in each school by the Professor thereof, in the presence of two other Professors, forming with him the Committee of examination for the school.

The candidates for graduation are subjected to searching interrogations on the details and niceties as well as the leading principles of the subject, and they are expected to be accurately versed in all the topics treated of in the lectures and correlative text.

These examinations are chiefly carried on in writing ; but in some of the schools they are partly oral.

As a due acquaintance with the English language is indispensable to the attainment of any of the honors of the Institution, all candidates for graduation are required to exhibit in their examination due qualifications in this respect.

DEGREES.

The degrees conferred by the University are Academic and Professional.

The ACADEMIC DEGREES are :

1. That of PROFICIENT—conferred for satisfactory attainments in certain subjects of study, to wit : In Anglo-Saxon, the Junior and Intermediate Course of Mathematics, Mineralogy and Geology, Physics, Physiology, Medical Jurisprudence, Human Anatomy, Botany, Political Economy, History, Literature, International Law and Government, Pharmacy and Agricultural Chemistry.

2. That of GRADUATE IN A SCHOOL—conferred for satisfactory attainments, in the leading subjects of instruction in the same, to wit : In the Latin Language and Literature, in the Greek Language and Literature, in the French, German, Spanish, or Italian Languages and Literature, Mixed Mathematics, Pure Mathematics, Natural Philosophy, Practical Physics, Moral Philosophy, History, Literature and Rhetoric, Applied Mathematics, Analytical Chemistry, General Chemistry, Industrial Chemistry, and Natural History and Practical Agriculture.

3. That of BACHELOR OF LETTERS—conferred upon such students as have graduated in the Schools of Ancient and Modern Languages, Moral Philosophy, and History, Literature and Rhetoric.

4. That of BACHELOR OF SCIENCE—conferred on such students as have graduated in the Schools of Mathematics, Natural Philosophy, and General Chemistry, and who are proficient in the classes of Mineralogy and

Geology, and who have attained distinctions in the Junior Class of Applied Mathematics, and made satisfactory attainments in the first Laboratory class of Analytical Chemistry.

5. That of BACHELOR OF ARTS—conferred on such students as have made satisfactory attainments in the Senior Classes of Greek and Latin; in the Intermediate Class in Pure Mathematics and in Moral Philosophy; obtained certificates in Physics and in History or Literature and Rhetoric; in Chemistry and French or German.

6. That of MASTER OF ARTS of the University of Virginia, conferred upon students who have graduated in the Latin, Greek, French and German Languages, Pure Mathematics, Natural Philosophy, General Chemistry, Moral Philosophy, and History, Literature and Rhetoric, and who have been subjected in the last year of their candidacy to a special examination, in any two schools of their own selection, in which they may have graduated in a previous year.

The candidate for the degree of Bachelor or Master of Arts is also required to submit for the approval of the Faculty an essay, composed by himself, on some subject of Literature or Science, which essay must be read by the author on the Public Day, if so ordered.

THE PROFESSIONAL DEGREES are :

1. That of BACHELOR OF LAW—conferred for satisfactory attainments in all the subjects of instruction in the Schools of Law.

2. That of DOCTOR OF MEDICINE—conferred for satisfactory attainments in all the subjects of instruction (except Botany) in the several schools constituting the Medical Department.

Candidates for the degree of Doctor of Medicine who have been previously declared graduates in General Chemistry, or proficient in Anatomy, Physiology, or Medical Jurisprudence, are not required to stand the examinations of these subjects anew; and the same rule applies to candidates for the degree of Bachelor of Law who are proficient in International Law and Government.

3. That of CIVIL ENGINEER—conferred on such students as have graduated in the schools of Mathematics, Natural Philosophy, Applied Mathematics, and General Chemistry or Industrial Chemistry, and obtained a certificate of proficiency in Mineralogy and Geology.

4. That of MINING ENGINEER—conferred on such students as have graduated in the schools of General and Industrial Chemistry, Analytical Chemistry, and Natural Philosophy, and obtained certificates of pro-

ficiency in Junior and Intermediate Mathematics, in a prescribed course of Applied Mathematics, and in Mineralogy and Geology.

5. That of CIVIL AND MINING ENGINEER—conferred on such students as have graduated in Pure Mathematics, Natural Philosophy, including Mineralogy and Geology, General and Industrial Chemistry, Applied Mathematics, and Analytical Chemistry.

PUBLIC DAY.

On the closing day of the session, which occurs on the Thursday before the 4th day of July, the Visitors, Faculty, Officers and Students of the University assemble in the Public Hall, whither also the friends of the students and the public generally are invited. On this occasion the results of the examination are announced, certificates and diplomas awarded, and addresses delivered by the Bachelors and Masters of Arts.

EXPENSES.

The charges common to all classes of students, if two occupy the same room, are as follows:

Matriculation and Library Fee,	\$30 00
Room Rent,	15 00
Contingent Deposit,	10 00
Infirmary Fee,	7 50
Fuel and Lights, about,	25 00
Board, including diet, furniture of room, and attendance. .	180 00
Washing \$1.50 per month—per session, say,	13 50
	<hr/>
	\$281 00

By messing, the board may be reduced to \$90, and thus the expenses above enumerated may be reduced to \$191.

The tuition fees of Academic students attending three schools (the usual number attended in one session) amount to \$75; of Law students to \$80; of students of Civil Engineering, attending three schools, to \$100; and of Medical students, to \$110. Adding tuition fees to the above estimate of common expenses of students (\$281), gives the aggregate of the necessary expenses of students, exclusive of text-books, clothing, and pocket-money, as follows:

Academic students,	\$356	By messing.	\$266
Law students,	361		271
Engineering students,	381		291
Medical students,	391		301

The following are the fees for the students of Analytical and Agricultural Chemistry:

For the first Laboratory class \$50, and an additional charge of \$10 for Laboratory material consumed.

For the second Laboratory class \$100, and a charge of \$25 for Laboratory material consumed.

For the third Laboratory class (special class for Medical students), or for the class in Practical Pharmacy, \$20, and a charge of \$5 for Laboratory material consumed.

Each Laboratory student, in whatever course of instruction, except that of Practical Pharmacy, will be required to furnish himself with the more common and generally necessary articles of apparatus. The cost of a suitable set need not exceed \$15.

For the course of lectures on Agricultural Chemistry, if taken without the Laboratory course, \$15; but Laboratory students of any class are entitled to attend these lectures free of charge.

For the course of Practical Physics \$100 when six lessons a week are given, and \$50 when three only are given; these fees including all charges except those for breakage of apparatus.

All the foregoing items are payable in advance, except board and washing. One-third (\$60) of the board is required on admission, and the balance in equal instalments, at three and six months thereafter. Washing is paid for monthly.

The contingent deposit is designed to cover any assessments that may be made against the student during the session for violation of the rules of the library, damage to books, room, etc. The residue is refunded to the student on the settlement of his account at the close of the session.

INFIRMARY.

There is a well-appointed infirmary connected with the University for the care and comfort of sick students. Every student on admission deposits the infirmary fee, (\$7.50,) which entitles him, in case of sickness during the session, to the advice and attention of the infirmary physicians, (Professors in the Medical Department,) and if necessary, to nursing by professional nurses without additional charge.

BOARDING HOUSES.

There are two large boarding houses within the precincts of the University, and several outside, but in the immediate vicinity. At these,

nearly all the students find accommodations, and at charges essentially the same. Some find accommodations in private families; some also, for the sake of economy, mess together and board themselves.

To secure rooms *in the University buildings*, application may be made by letter to the Proctor; but if the rent is not deposited with him before the 15th of September, the room is considered to be unengaged.

MESSING.

Students can join the Mess-Club with the design of reducing the cost of living while members of the institution. Suitable University rooms have been assigned for the accommodation of the club. The Mess will be managed by its own members as far as practicable. The Chairman of the University will render such assistance as may be found necessary to advance its interests.

By the experience of private mess-clubs connected with the University during several sessions past, it is established that the cost of living, including board, room-rent, fuel, etc., need not exceed fifteen dollars per month, with the fare abundant and wholesome. The rate per month will, however, depend upon the good management of the club. The business of the Mess, catering, etc., will be attended to by a superintendent to be selected by the club, subject to the approval of the Faculty. It is suggested to those students who propose to join a mess-club to bring bedding, etc., from their homes with them.

Apply to the Chairman of the Faculty for further information upon the subject.

LATE ENTRANCE AND WITHDRAWAL.

No abatement is made in the matriculation and tuition fees and room rent on account of late entrance, unless the student enters after the first of January, and no portion of the same is refunded on account of withdrawal before the close of the session, unless the withdrawal be rendered necessary by ill health, and occur before the first of March. The charges for board, fuel, lights, and washing are estimated from the time of entrance. Many disadvantages to the student result from late entrance; therefore prompt attendance at the beginning of the session is earnestly enjoined upon all who wish to derive the full benefits of the course of instruction.

PROHIBITION OF CREDIT.

An Act of the Legislature prohibits merchants and others, under severe penalties, from crediting students. The license to contract debts, which

the chairman is authorized to grant, is confined (except when the parent or guardian requests otherwise in writing,) to cases of urgent necessity; and these, it is hoped, parents and guardians will as far as possible prevent from arising by the timely supply of the requisite funds.

PRIVILEGED STUDENTS.

Ministers of the Gospel may attend any of the schools of the University without the payment of fees to the Professors. The same privilege will be extended to any young man preparing for the ministry, on condition that he shall submit testimonials that he is a *bona fide* candidate for the ministry, and unable to meet the expenses of education at the University without aid.

LIBRARY.

Wm. Wertenbaker, Librarian. F. W. Page, Assistant Librarian.

The library of the University, originally selected and arranged by Mr. Jefferson, and since enlarged by purchases and donations, now contains about 36,000 volumes.

Students are allowed the use of the books under the usual restrictions, and the librarian is present in the library for four hours daily, to attend to their wants.

LITERARY SOCIETIES.

There are two Literary Societies (the "Washington Society" and the "Jefferson Society,") of long standing connected with the University. They meet weekly in their respective halls for the purpose of cultivating debate and composition, and occasionally hold public exhibitions.

DISCIPLINE.

Morality and Religion are recognized as the foundation and indispensable concomitants of education. The discipline is sedulously administered with a view to confirm integrity and to maintain a sacred regard for truth. Great efforts are made to surround the students with religious influences; but experience has proved that the best way to effect this result is to forbear the employment of coercion, and the attendance on religious exercises is entirely voluntary. Prayers are held every morning and evening in the chapel, and divine service is performed twice on Sunday by a chaplain, selected in turn from the principal religious denominations.

YOUNG MEN'S CHRISTIAN ASSOCIATION.

By means of a Young Men's Christian Association new-comers are brought under good influences, and the energies of students willing to

engage in the active Christian enterprises of the neighborhood are called into exercise.

FRIENDS OF TEMPERANCE.

The Friends of Temperance are represented by University Council, No. 46, an association which has done good service in guarding young men against dangerous excesses, and in promoting literary and moral culture.

MONTHLY CIRCULAR.

At the end of every month a circular letter is addressed by the Chairman of the Faculty to the parent or guardian of each student, in which are stated his absences from lectures and examinations, and any other irregularities of which he may have been guilty, together with such further information as to the student's progress and conduct as it may be deemed proper to communicate. The object of such report being, on the one hand, to incite the student to steady diligence, by eliciting the commendation and encouragement of his friends, and, on the other, to restrain him from idleness and disorder, or to urge him to amendment by their admonition and advice, the usefulness of these circulars greatly depends upon the prompt and judicious attention they receive from those to whom they are addressed. Parents and guardians, therefore, cannot be too earnest in communicating such advice or encouragement as the monthly report may suggest.

UNIVERSITY SCHOLARSHIPS.

Eleven Scholarships, entitling the successful candidates at a competitive examination to prosecute their studies for one session at the University of Virginia without the payment of matriculation fees or tuition fees, will be open to new-comers from all the States at the beginning of the next academic year, (October 1st.) Of these eleven Scholarships five are in the Academic Department, and two each in the departments of Law, of Medicine, and of Industrial Chemistry, Civil and Mining Engineering and Agriculture. The examination is uniform, and embraces Latin, Greek, Mathematics, and English; and in order to secure positive attainments the right is reserved to reject any papers that do not reach the standard required for distinction at the Final Examination in Junior Latin, Junior Greek, and Junior Mathematics, and do not show a competent acquaintance with the grammatical and rhetorical structure of the English language.

VIRGINIA STUDENTS.

Students from Virginia over eighteen years of age are admitted into

the Academic Schools on examination, under the late act of the Legislature, without being required to pay tuition fees therein.

The expenses of such students, exclusive of text-books, clothing, and pocket-money, will be—

For those who board, from . . . \$250 to \$281

For those who mess, from . . . \$191 to \$200—or less.

The examinations of Academic Students from Virginia, over eighteen years of age, for admission under the late act of the Legislature, will begin on the 23d, 25th, 27th, and 29th of September.

All students that intend to apply for examination under the law are urged to report themselves promptly to the Examiners before the beginning of the session, (1st of October.) Those that come later, after the work of the session has begun, will of necessity be subjected to inconvenience and delay.

The time of the special examination will be fixed by the several professors, each for his own school.

The Faculty of the University, prompted by their experience of the preliminary examinations of the present session, wish most earnestly to call the attention of the public, and especially of their brother teachers in Virginia, to the importance of accuracy and thoroughness in the elements of education, especially in English orthography and composition, in elementary geography and history, in arithmetic, and in the inflections of the classical languages. Students that are well grounded in these elementary studies can do well from the first, and can advance themselves steadily from class to class; but looseness and inaccuracy of knowledge in these lead only to prolonged and disheartening failure. The stress of the preliminary examinations will, therefore, be laid upon accuracy in elementary knowledge.

NOTE.—In the Schools of Latin, Greek, and Mathematics, young men are advised to prepare themselves at least for the intermediate classes.

DONATIONS TO THE UNIVERSITY OF VIRGINIA.

Under an act of the Legislature, entitled “A bill to encourage donations to the University of Virginia, and to constitute the State of Virginia the trustee thereof,” “any person may deposit in the treasury of this State, or bequeath money, stock, or public bonds of any kind, to be so deposited, or grant, devise, or bequeath property, real or personal, to be sold; and the proceeds to be so deposited, in sums not less than one hundred dollars, which shall be invested in certificates of debt of the

State of Virginia, or the United States, or any other State thereof, for the benefit of the University of Virginia; and in such case the interest or dividend accruing on such stocks, certificates of debt or bonds, shall be paid to the Rector and Visitors of the University, to be by them appropriated to the general purposes thereof, unless some particular appropriation shall have been designated by the donor or testator as hereinafter provided.-----The State of Virginia is hereby constituted the trustee for the safekeeping and due application of all funds which may be deposited in the treasury in pursuance of this act."

The legal title of the University corporation is—

"THE RECTOR AND VISITORS OF THE UNIVERSITY OF VIRGINIA."

ENDOWMENT OF PROFESSORSHIPS AND SCHOLARSHIPS THROUGH THE SOCIETY OF ALUMNI.

Under an act of the Legislature, entitled "A bill to incorporate the Society of Alumni of the University of Virginia," this Society is authorized, by its Executive Committee, or in such other way as it may direct, "to raise the sum of five hundred thousand dollars, to be held in the name of the 'Society of Alumni of the University of Virginia,' to be safely invested, and the net annual income therefrom to be applied to the benefit of the University of Virginia." It is also empowered "to employ agents to obtain endowments for scholarships and professorships, to solicit donations, to dispose of anything of any value belonging to the Society or entrusted to its management for the purpose of endowing professorships or scholarships, or for accomplishing any of the other objects of the Society authorized by its charter."

GYMNASIUM.

Mr. E. H. Squibb, of Brooklyn, N. Y., has presented to the University the full equipment of a Gymnasium, for the use of which a suitable locality has been provided; and a society, organized among the students for the promotion of physical culture, under the name of the "Squibb Gymnasium Association," has been in successful operation during the current session.

CABINET OF NATURAL HISTORY, &c.

In connexion with the Department of Natural History, a gentleman of the city of Rochester, N. Y., has recently made to the University the munificent gift of \$70,000, to be expended in the purchase of a Cabinet of Zoology, Geology, and Mineralogy, and to provide a suitable building for the same.

HOUSE JOINT RESOLUTIONS, GRATEFULLY ACKNOWLEDGING A MUNIFICENT DONATION TO THE UNIVERSITY OF VIRGINIA BY AN UNKNOWN CITIZEN OF NEW YORK. REPORTED FROM THE COMMITTEE ON SCHOOLS, ETC.

Resolved by the House of Delegates (the Senate concurring), That the General Assembly has with great satisfaction learned that a citizen of New York has made to the University of Virginia a liberal donation, to be used in building and equipping a museum of natural history ; and while his modesty in concealing his name from those who are to be the recipients of his munificence attests his great worth and the disinterestedness of his motives, it is proper that the General Assembly should in a befitting manner give expression to the profound and high appreciation of the people of Virginia for so noble a benefactor in behalf of an institution founded by the author of the Declaration of American Independence, and justly cherished as one of the chief glories of the Commonwealth ; therefore,

Resolved, That, though the author of the munificent donation be unknown, the General Assembly hereby publicly expresses the gratitude of the people of Virginia to the disinterested and public-spirited donor, the remembrance of whose charity will excite the lofty admiration of Virginians as long as her favorite seat of learning shall continue to exist.

The building and cabinet will be completed before the close of the session 1876-77, and will be a most valuable addition to the means of instruction in this Department.

DONATION TO THE UNIVERSITY.

W. W. CORCORAN Esq., of the city of Washington, has made a donation of \$50,000 to the University of Virginia, for the partial endowment of two professorships.

HOUSE JOINT RESOLUTION, RETURNING THANKS TO W. W. CORCORAN, ESQ., OF WASHINGTON CITY, FOR HIS MUNIFICENT GIFT TO THE UNIVERSITY OF VIRGINIA. REPORTED FROM THE COMMITTEE ON SCHOOLS, ETC.

The General Assembly of Virginia having heard that W. W. CORCORAN Esq., of Washington city, after many acts of kindness to citizens of the State, and of liberality to her public institutions, has recently given a large sum to her chief seat of learning, and having observed with admiration the conduct of one who has shown the capacity to acquire wealth without injustice, to possess it without ostentation, and to dispense it with no other object than the benefit of his fellow man, gratefully acknowledge his right to membership with those whom the Commonwealth has deemed worthy of an enduring place in her annals as examples to be honored and imitated by her people ; therefore,

Resolved by the House of Delegates (the Senate concurring), That it be entered of record on the journals of the General Assembly, that W. W. CORCORAN, Esq., of the city of Washington, has entitled himself to the thanks of the Commonwealth by his munificent gift to the University of Virginia.

Resolved, That his Excellency, the Governor, be requested to transmit to Mr. Corcoran a copy of this preamble and resolution, engrossed on parchment.

DONATIONS TO THE LIBRARY.

From March 1st, 1876, to March 1st, 1877.

\$5,000 given to the Library of the University of Virginia by Mr. W. W. CORCORAN, of Washington, D. C.
 Rear Admiral B. F. Sands, U. S. N.
 The Trustees of the Astor Library.
 Treasury Department, Washington, D. C.
 Atkinson Shaumburg.
 Government of Great Britain, 10 volumes of the Publications of the Record Commission.
 J. G. Cabell, M. D.
 J. H. Siddons, Esq.
 United States Patent Office.
 Hon. William G. Bates.
 Brigadier-General A. A. Humphreys, Chief of Engineers, U. S. A.
 Professor H. B. Nason.
 National Free Trade Alliance.
 Judge Robert W. Hughes.
 Commonwealth of Virginia.
 Hon. Gustavus Vasa Fox.
 The Trustees of the Peabody Museum of American Archaeology and Ethnology.
 The Academy of Science, St. Louis, Mo.
 Thomas P. James, Esq., Commissioner of Agriculture of the State of Georgia.
 The Trustees of the Peabody Institute, Baltimore, Md.
 The Trustees of Boston Athenæum.
 James H. Binford, Superintendent of Public Schools, Richmond city, Va.
 His Excellency, the Governor General of India.
 The Society of Arts, London.
 James Fitz, Esq.
 The American Philosophical Society
 The Board of Directors of the St. Louis Public Schools.
 Sir Alexander Taylor, K. C. B., M. D., F. R. S.
 Charles Kendall Adams.
 W. Edmund Younge, Esq.
 Jed. Hotchkiss, Esq.
 Joseph K. Barnes, Surgeon-General U. S. A.
 The Committee of the Cobden Club, England.

John Lewis Peyton.
 Hon. Robert C. Winthrop.
 Librarian of the University of Vermont.
 Massachusetts Society for the Prevention of Cruelty to Animals.
 Andrew D. White, LL. D., President of Cornell University.
 Edmund Quincey, Esq.
 University of Vermont.
 Professor George Long, England.
 Department of State, Washington, D. C.
 State of South Carolina.
 Mary Baker Glover.
 The Brazilian Centennial Commission.
 Rev. Joseph H. Martin.
 Prof. J. H. C. Coffin, U. S. N.
 The Davenport Academy of Natural Science.
 Department of the Interior, Washington, D. C., 36 volumes of Public Documents, S. D. Gross, M. D., LL. D.
 Rear Admiral Thornton S. Jenkins.
 Professor John R. Page, M. D.
 The Boston Society of Natural History.
 A. T. Hawley, Esq.
 F. B. Meek, Esq.
 A. R. Spofford, Librarian of Congress.
 Rear Admiral C. R. P. Rodgers, Superintendent of Naval Academy.
 Bureau of Education, Department of the Interior.
 Hon. Robert E. Withers.
 William H. Ruffner, Superintendent of Education.
 Smithsonian Institution.
 William H. Southall, Esq.
 H. Carrington Bolton Ph. D.
 Captain Charles D. McCoy.
 William Wirt Henry.
 E. L. De Forrest.
 W. E. Woodbridge, M. D.
 Professor J. W. Mallet.
 Augustus Fendler.
 Josiah Phillips Quincy.
 Alfred E. Whitaker, Librarian Mercantile Library, San Francisco, Cal.
 Hon. John W. Johnston.

DONATION TO STUDENTS' BOAT CLUB.

\$1,000 from Mr. F. R. RIVES, of the city of New York, to the Students' Boat Club of the University of Virginia.

DONATIONS TO THE COLLECTIONS OF THE SCHOOLS OF GENERAL AND APPLIED CHEMISTRY.

From Foreign Commissioners and Exhibitors at Philadelphia International Exhibition, 1876 :

Great Britain : Sulphur from alkali waste ; carbonate soda by ammonia process ; soaps ; dyes (aurine, etc.) ; preserved food ; safety matches.

Canada : Pemmican, and moss bread of British Columbia Indians ; oolachon oil.

New South Wales : Sugar ; indigo from New Caledonia.

Victoria : Essential oils of different species of eucalyptus.

Tasmania : Oil of eucalyptus globulus (blue gum) ; gum of Oyster Bay pine.

New Zealand : New Zealand flax (phormium tenax), and cloth from same.

Jamaica : Coffee leaves prepared as tea ; rum (colourless and coloured) ; bamboo paper stock ; gouina wood.

France : Ferro-manganese ; coal-tar dyes and phenol and aniline derivatives ; orcin, resorcine and eosine ; dyes of Croissant and Bretonnière ; vegetable colours for confectioners' use ; essential oils ; violet, tuberose, &c., extracts of unusual strength ; perfumed paraffin ; French army ration and other forms of preserved food ; wines ; brandy ; sugar (beet-root).

Belgium : Carbonate and bi-carbonate soda by ammonia process ; coal-tar dyes.

Holland : Glucose ; oil of maize ; beet-root sugar.

Java, Celebes, &c. (Dutch colonies) : Gutta percha ; indigo ; tripang ; edible bird's-nests ; oils of mace, cajeput, macassar, tekawang ; benzoin ; tabasheer ; cultivated cinchona barks and alkaloids therefrom ; arrack ; tobacco ; sugar.

Luxembourg : Vinegars.

Denmark : Aniline varnish for tinplate, &c.

Sweden : Filtering paper.

Norway : Sulphate of ammonia ; perfumery.

Russia : Beet-root sugars ; cotton from Samarcand.

Germany : Raw chemicals (sodium bi-vanadate, yttrium platino-cyanide, azobenzole, &c.) ; lignite and paraffin from same ; leonic wares of Nürnberg ; violet ultramarine ; grape sugar ; coniferine, artificial vanilline and vanillic acid ; artificial oils of bitter almonds and black mustard ; cryst. chloral hydrate ; paper parchment cases for Erbswurst.

Austria : Crude and refined potash from wool grease ; artificial alizarine, anthraquinone, &c. ; Styrian and Hungarian wines.

Switzerland : Coal-tar colours, resorcine, phthalic acid, &c.

Italy : Wines, oil of grape seeds ; olive oil soaps ; essential oils of aurantiaceae ; fine raw silk ; fine dressed hemp.

Spain : Wines ; sugar ; ornamental wax candles ; soaps ; madder preparations ; essential oils ; orange-flower water ; specs. from mercury production at Almaden ; rock salt.

Spanish Colonies (Philippine Isles, Cuba, Puerto Rico) : Sugars ; coco-nut and other fixed oils ; rare perfumes (ylang-ylang, sampaguita, &c.) ; cotton, pina, bombax, and other fibres ; alcohol of coco-nut, nipa palm, pomegranate, etc. ; cochineals ; indigo.

Portugal : Ornamented wax candles ; soap ; solar salt ; wines.

Portuguese Colonies (Madeira, Angola, etc.) : Wines ; copal ; other resins and gums ; indian rubber ; indigo ; colouring lichens ; tobacco ; fibres.

- Turkey : Otto of rose ; other essential oils ; opium ; scammony, mastic ; Persian berries ; wax candles ; soap ; Latakia tobacco.
- Egypt : Silk cocoons ; haschish.
- Tunis : Henna ; otto of rose, jasmine, &c. ; perfumed waters ; soap.
- Liberia : Palm nuts and kernels ; palm oil and palm kernel oil ; palm oil soap ; wild coffee ; camwood ; indigo.
- China : Sam-shoo (rice spirit) ; "brick" tea ; sugars ; native opium ; camellia oil ; Indian inks ; silk cocoons ; vermilion.
- Japan : Saki (rice wine) ; vegetable wax, and candles of same ; raw and prepared lacquer ; yeno-abura oil ; shark-liver oil ; soap ; Indian inks ; indigo.
- Hawaian Islands : Sugar cane ; sugars.
- Argentine Republic : Tasajo (jerked beef) ; dyes ; hesperidina ; lapachic acid and derivatives (from Tecoma, sp.)
- Brazil : Cotton and other fibres ; gums ; resins ; fat oils ; varnishes ; sugars ; maté ; guarana ; laranghina ; ilicina ; caju wine ; wine and spirit from cane-juice ; nhan-diroba ; caoutchouc of Mangabeira ; dyes ; silk-worms ; cocoons and raw silk.
- Venezuela ; Gums ; resins ; dyes ; turtle oil ; milk of cow tree ; isinglass ; fine tobacco.
- Mexico : Sugars ; vanilla ; indigo ; perfumes (Linaloes, toronjil, etc.) ; wax of myrica Jalapensis and candles from same ; maguey fibre ; wild silk.

From American exhibitors at Philadelphia :

- J. & J. Miller & Co., Boston : Tanners' extracts.
- W. F. Nye, New Bedford : Fine lubricating oils for clocks and watches.
- Charles Pratt & Co., New York : Petrosene (from petroleum).
- George Mather's Sons, New York : Fine black writing inks.
- Sand-Blast Company, New York : Sand-blast engraving on glass from chromated gelatine photographs.
- Hyde, Bros. & Swift, New York ; Oil for tanners' use.
- J. H. Heald & Co. : Chestnut oak bark.
- American Fusee Company : Safety matches.
- F. S. Pease, Buffalo, N. Y. : Tallow oil ; lard oil ; chronometer oil.
- Condit, Hanson & Co., Newark, N. J. ; Ammonio-sulphate nickel (for nickel-plating.)
- Robinson & Pratt, Philadelphia : Coloured printing inks.
- William Dreydoppel, Philadelphia : Borax soap.
- Arthur P. Baer & Co., Baltimore : Chestnut oak extract (for tanners' use).
- Kokosing Oil Company, Ohio : Lamp-black from natural marsh gas of gas wells.
- M. F. Maury, Esq., Director West Virginia Exhibition : Bittern, from Kanawha Salt Company's furnaces.
- J. L. Stevenson, Nevada Quartz Mill : gold and silver ores (for assay by students) from California, Consol. Virginia, Ophir and Belcher Mines.

From other sources.

- Dr. W. Simon, Baltimore Chrome Works, Baltimore : Fine mass of crystallized bichromate potassium.
- St. George Bryan, Esq., University of Virginia : Products of working of asbestos, for roofing, &c.

AGRICULTURAL DEPARTMENT.

- Messrs. Danner & Newman, Woodstock, Va. : An improved two-horse plough.

SOCIETY OF ALUMNI.

OFFICERS.

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E. C. BURKS, 1st Vice-President.
S. O. SOUTHALL, 2nd Vice-President.
F. P. DUNNINGTON, Secretary and Treasurer.

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R. T. W. DUKE,	W. A. QUARLES,
W. R. ABBOT.	

The society holds its meetings at the close of the session. An orator or an essayist is annually appointed by the Society from among its members, and the oration or essay is delivered in the Public Hall, on the Public Day.

ALUMNI ASSOCIATIONS.

The following Associations of Alumni have been formed for the purpose of maintaining a close connection with the University, and of furthering the cause of education and letters in harmony with the plan and standard of the parent institution:

Albemarle, Co. Va.—W. J. Robertson, *President.*

R. H. Carter,	} <i>Vice-Presidents.</i>
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B. H. Macgruder,	
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